

Numismatic literature.

New York : American Numismatic Society, 1947-

<http://hdl.handle.net/2027/inu.30000008437877>

HathiTrust



www.hathitrust.org

Creative Commons Attribution-NonCommercial-ShareAlike

http://www.hathitrust.org/access_use#cc-by-nc-sa-4.0

This work is protected by copyright law (which includes certain exceptions to the rights of the copyright holder that users may make, such as fair use where applicable under U.S. law), but made available under a Creative Commons Attribution-NonCommercial-ShareAlike license. You must attribute this work in the manner specified by the author or licensor (but not in any way that suggests that they endorse you or your use of the work). This work may be copied, distributed, displayed, and performed - and derivative works based upon it - but for non-commercial purposes only (if you are unsure where a use is non-commercial, contact the rights holder for clarification). If you alter, transform, or build upon this work, you may distribute the resulting work only under the same or similar license to this one. Please check the terms of the specific Creative Commons license as indicated at the item level. For details, see the full license deed at <http://creativecommons.org/licenses/by-nc-sa/4.0>.



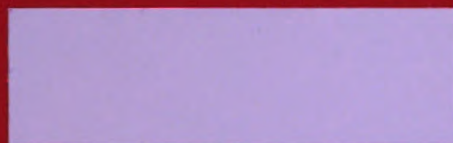
REF
Z6866
N97

REF
[REDACTED]

NUMISMATIC LITERATURE

No. 139

March 1998



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

THE AMERICAN NUMISMATIC SOCIETY

Founded 1858 Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are forty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly Newsletter are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

NUMISMATIC LITERATURE

No. 139

March 1998



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

INDIANA UNIVERSITY

MAR 30 1998

LIBRARY

Original from
INDIANA UNIVERSITY

**COPYRIGHT 1998 BY
THE AMERICAN NUMISMATIC SOCIETY**

**ISSN 0029-6031
ISBN 0-89722-271-7**

**PRINTED IN U.S.A.
AT BRAUN-BRUMFIELD, INC., ANN ARBOR, MICHIGAN**

CONTENTS

PREFACE.....	v
CONTRIBUTING EDITORS	vi
GUIDE FOR ABSTRACTORS	xii
PERIODICAL ABBREVIATIONS	xiv
GENERAL.....	1
TECHNOLOGY AND METHODOLOGY	5
GREEK.....	6
ROMAN	17
BYZANTINE.....	31
NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN.....	36
INDIA AND SOUTH ASIA	38
EAST ASIA	39
AFRICA -- MEDIEVAL AND MODERN.....	39
EUROPE -- MEDIEVAL AND MODERN.....	40
GREAT BRITAIN AND IRELAND.....	40
WESTERN AND CENTRAL EUROPE	40
EASTERN EUROPE AND THE BALKANS	58
THE AMERICAS	60
UNITED STATES	60
CANADA	64
MEXICO, CENTRAL AND SOUTH AMERICA.....	64
MEDALS AND DECORATIONS.....	65
PAPER MONEY.....	72
TOKENS AND JETONS	78
REVIEWS	80
OBITUARIES.....	83
HOARD LIST.....	84
SUBJECT INDEX.....	85
AUTHOR INDEX.....	88

PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

International Editor

Harriet Schwartz
The American Numismatic Society
Broadway at 155 Street
New York, NY 10032
email: hss@ma.ultranet.com

Australia and New Zealand

John Sharples
Senior Curator, Numismatics
Museum of Victoria
P.O. Box 666E
GPO, Melbourne 3000
email: jsharples@mov.vic.gov.au

Austria

Günther Dembski
Kunsthistorisches Museum
Sammlung von Medaillen, Münzen und Geldzeichen
Burgring 5
A-1010 Wien I
email: guenther.dembski@telecom.at

Belgium

Johan van Heesch
Musées Royaux d'Art et d'Histoire
Koninklijke Musea voor Kunst en Geschiedenis
Parc du Cinquantenaire 10
B - 1040 Brussels

Brazil, Portugal

Alain Costilhes
Alameda Franca, 870 ap. 17
01422-001 - São Paulo - SP
Brazil
email: costil@ibm.net

Bulgaria

Iordanka Youroukova
Acad. Bulgare des Sciences
Section numismatique
Institut Archéologique et Musée
Boul. Stambolijski 2
Sofia

Cyprus

Andreas Pitsillides
P.O. Box 1019
Nicosia

Czech Republic

Zdenka Nemeškalová-Jiroundková
Académie Tchecoslovaque des Sciences
Institut d'Archéologie Letenská 4
Praha 1

Finland

Tuukka Talvio
Coin Cabinet
National Museum
PL 913
00101 Helsinki 10
email: Tuukka.Talvio@nba.fi

France

Jean-Baptiste Giard/Marc Bompaire
Cabinet des Médailles, Bibliothèque Nationale
58, rue de Richelieu
75084 Paris
email: michel.amandry@bnf.fr
françois.thierry@bnf.fr

Germany

Paul Arnold
Staatliche Kunstsammlung Dresden
Münzkabinett
Postfach 450
8012 Dresden

Peter Ilisch
Westfälisches Landesmuseum für Kunst und Kulturgeschichte
48143 Münster
Domplatz 10

Hans Roland Baldus/Johannes Nollé
Kommission für Alte Geschichte und Epigraphik
Amalienstr. 73b
D-80799 München

Great Britain

Stephen P. Doolan
Department of Coins and Medals
The Fitzwilliam Museum
Cambridge CB2 1RB

Greece

Mando Caramessini Oeconomides
Numismatic Collection of Athens
Heyden Street 30
Athens 10434

Hungary

Melinda Torbágyi
Keeper of the Cabinet of Coins and Medals
Magyar Nemzeti Múzeum
H. 1370 Budapest
Postafiók 364

India

Amiteshwar Jha
Indian Institute of Research in Numismatic Studies
P.O. Anjaneri
Dist. Nasik
Maharashtra

Israel

Arnold Spaer
P.O. Box 750
Jerusalem 91 007

Italy

Sara Sorda
Istituto Italiana di Numismatica
Palazzo Barberini
00184 Roma

Japan

Col. Joseph E. Boling
P.O. Box 8099
Federal Way
Washington 98003-0099
email: JoeBoling@aol.com

Jordan

Saleh Sari
Yarmouk University
Irbid

Latin America

Horace P. Flatt
209 Brookhollow Drive
Terrell, TX 75160

George Lill III
Casilla 5973
La Paz, Bolivia

Luxembourg

Raymond Weiller
Cabinet des Médailles
Musée d'Histoire et d'Art
Marchè-aux-Poissons
Luxembourg

Netherlands

Arent Pol
Rijksmuseum Het Koninklijk Penningkabinet
Postbus 11028
2301 EA Leiden

People's Republic of China

Yao Shuomin
Deputy Chief Editor
China Numismatics
32 Cheng Fang Jie
100800 Beijing

Poland

Maciej Widawski
National Museum, Warsaw
Coins and Medals Department
Al. Jerozolimskiem 3
00-495 Warsaw

Romania

Constantin Preda
Biblioteca Academiei Romane
Cabinetul Numismatic
Calea Victoriei 125
Bucuresti

Russia

Vera Guruleva
Numismatic Department
State Hermitage Museum
198215 St. Petersburg

Saudi Arabia

Sammir Shamma
PO. Box 468
Jeddah

Scandinavia

Ulla Westermarck
Svenssons Stiftelsettet
Banergatan 17 nb
S-115 22 Stockholm, Sweden

**Slovenia, Croatia, Bosnia and Herzegovina, Yugoslavia, and F.Y.R.O.M.
(Former Yugoslav Republic of Macedonia)**

Charles B. Smith, Jr.
10613 Seneca Ridge Dr.
Gaithersburg, MD 20879
email: csmithjr@erols.com

Spain

Leandre Villaronga
C. Còrcega 351-2
08037 Barcelona

Switzerland

Benedikt Zäch
Münzkabinett der Stadt Winterthur
Lindstr. 8
Postfach 428
CH-4801 Winterthur

Tunisia and North Africa

Khaled Ben Romdhane
Institut National d'Art et d'Archéologie
4 Place du Château
1008 Tunis

Turkey

Ömer Diler
P.K. 52
07401 Alanya

United States and Canada

Thomas Serfass
Money Museum Outreach Project
3134 South Grand Ave.
St. Louis, MO 63118

GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Submitting Material on Diskette

Material may be sent to the International Editor in printed form or on diskette. Contributors wishing to use the latter form should submit an IBM-readable diskette containing files in one of the following formats:

WordPerfect for MS-DOS	Version 5.x, 6.x
WordPerfect for Windows	Version 5.x, 6.x
Microsoft Word for MS-DOS	Versions 3.0, 4.0, 5.0, 5.5, or 6.0
Microsoft Word for Windows	Versions 1.x, 2.x, or 6.0
Microsoft Word for the Macintosh	Versions 4.x and 5.x
Microsoft Write for Windows	
ASCII Text	

Where an email address is provided, abstracts may be submitted via electronic mail. However, since diacritical marks generally do not transmit correctly, please also send a hard copy (printed) version to the editor.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

AA	<i>Archäologischer Anzeiger. Beiblatt zum Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, Germany.
AAEA	<i>Anejos de Archivo Español de Arqueologia.</i> CSIC - Soc. Portuguesa de Numismatica.
AAntiquaAcadSciHung	<i>Acta Antiqua Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia, Klassika-Filológiai Közleményei, Budapest, Hungary.
AArchAcadSciHung	<i>Acta Archaeologica Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia Régészeti Közleményei, Budapest, Hungary.
AArchCarpathica	<i>Acta Archaeologica Carpathica.</i> Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
AArchLodziensia	<i>Acta Archaeologica Lodziensia.</i> Łódzkie Towarzystwo Naukowe (Societas Scientiarum Lodziensis). Łódź, Poland.
ABalt-Slav	<i>Acta Baltico-Slavica.</i> Białostockie Towarzystwo Naukowe, Białystok, Poland.
ABhandarkarOrResInst	<i>Annals of the Bhandarkar Oriental Research Institute.</i> Poona, India.
al-Abhath	<i>al-Abhath.</i> American University of Beirut, Beirut, Lebanon.
AbhBerlin	<i>Abhandlungen.</i> Akademie der Wissenschaften, philosophisch-historische Klasse, Berlin, Germany.
ABSA	<i>Annual. British School at Athens.</i> London, England.
AC	<i>L'Antiquité Classique.</i> Louvain, Belgium.
ACME	<i>ACME.</i> Università degli Studi di Milano, Milan, Italy
ACR	<i>Australian Coin Review.</i> Melbourne, Australia.
ActaA	<i>Acta Archaeologica.</i> Copenhagen, Denmark.
ActaArchLov	<i>Acta Archaeologica Lovaniensia.</i> Louvain, Departement Archeologie en Kunstgeschiedenis, Louvain, Belgium.
Acta Num	<i>Acta Numismatica.</i> Societat Catalana d'Estudis Numismàtics, Barcelona, Spain.
ActaPraehistArch	<i>Acta Praehistorica et Archaeologica.</i> Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte, Preussischer Kulturbesitz Berlin, the Ibero-Amerikanische Institut, and Staatlichen

- ADelt* Museum, Berlin, Germany.
- AdvArchMethodTheory* *Archaiologikon Deltion*. Athens, Greece.
- AE* *Advances in Archaeological Method and Theory*. Academic Press, New York, New York, U.S.A.
- Aegyptus* *Arkheograficheskii Ezhegodnik*. Rossiiskaia Akademiia Nauk, Moscow, Russia.
- AF* *Aegyptus*. *Rivista Italiana de Egittologia e di papirologia*. Milan, Italy.
- Afghan Studies* *Ausgrabungen und Funde*. *Nachrichtenblatt für Vor- und Frühgeschichte*. Akademie der Wissenschaften, Berlin, Germany.
- Africa* *Afghan Studies*. London, England.
- AHHI* *Africa*. *Fouilles, Monuments et Collections Archéologiques en Tunisie*. République Tunisienne, Ministère des Affaires Culturelles et de l'Information, Institut National d'Archéologie et Arts, Tunis, Tunisia.
- AHR* *Alon Hahebra Hanumismatit Le'Israel*. Newssheet of the Israel Numismatic Society, Tel Aviv, Israel.
- AIB* *American Historical Review*. American Historical Association, Washington, D.C., U.S.A.
- AIIN* *Arkheologiia i Istorii Bospora*. *Sbornik Statei*. Gosudarstvennyi Kerchenskii Istoriko-arkheologicheskii Muzei imeni A.S. Pushkina, Simferopol, Ukraine.
- AION ArchStAnt* *Annali*. *Istituto Italiano di Numismatica*. Rome, Italy.
- AJA* *Annali Archeologia e Storia Antica*. Istituto Orientale di Napoli, Naples, Italy.
- AJN* *American Journal of Archaeology*. Archaeological Institute of America, Boston, Massachusetts, U.S.A.
- AJP* *American Journal of Numismatics*. New York, New York, U.S.A.
- AK* *American Journal of Philology*. Johns Hopkins University Press, Baltimore, Maryland, U.S.A.
- Al Quds al Sharif* *Antike Kunst*. Vereinigung der Freunde Antiker Kunst, Basel, Switzerland.
- AlteModKunst* *Al Quds al Sharif*. Amman, Jordan.
- Aluta* *Alte und Moderne Kunst*. *Österreichische Fachzeitschrift des Marktes für Antiquitäten, Bilder, Kunstgegenstände Alter und Moderner Kunst*. Vienna, Austria.
- Aluta* *Muzeul Județean, Sfântu-Gheorghe*.

	Romania
<i>AM</i>	See <i>MDAI(A)</i> .
<i>Amphora</i>	<i>Amphora</i> . Bulletin du Cercle archéologique Amphora, Braine l'Alleud, Belgium.
<i>Ampurias</i>	<i>Ampurias</i> . <i>Revista de Arqueología, Prehistoria y Etnología</i> . Disputacion Provincial de Barcelona, Servicio de Investigaciones Arqueológicas, Barcelona, Spain.
<i>AMUGS</i>	<i>Antike Münzen und Geschnittene Steine</i> . Berlin, Germany
<i>AMusNapocensis</i>	<i>Acta Musei Napocensis</i> . Muzeul de Istorie, Cluj, Romania.
<i>AMusPorol</i>	<i>Acta Musei Porolissensis</i> . Muzeul de Istorie și Artă, Zalău, Romania.
<i>AnalUnivBucuresti</i>	<i>Analele Universității București</i> . Științe Sociale, Seria Istorie. Bucharest, Romania.
<i>AnalUnivCraiova</i>	<i>Analele Universității din Craiova</i> . Seria Istorie, Geografie, Filologie. Craiova, Romania.
<i>AnatStud</i>	<i>Anatolian Studies</i> . Journal of the British Institute of Archaeology at Ankara. London, England.
<i>AncSoc</i>	<i>Ancient Society</i> . Seminary of Ancient History, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>AnInstIstArhCluj</i>	<i>Anuarul Institutului de Istorie și Arheologie Cluj-Napoca</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Filiala Cluj-Napoca, Cluj, Romania.
<i>ANJ</i>	<i>Australian Numismatic Journal</i> . Numismatic Society of South Australia, Adelaide, Australia.
<i>AnnaliFacLetFilo</i>	<i>Annali della Facoltà di Lettere e Filosofia</i> . Università degli Studi di Perugia, Perugia, Italy.
<i>AnnaliSNSPisa</i>	<i>Annali della Scuola Normale Superiore di Pisa</i> . Scuola Normale Superiore, Pisa, Italy.
<i>AnnABorsod</i>	<i>Annual Archiv in Borsod</i> . Archiv of comitat Borsod, Miskolc, Hungary.
<i>AnnDAJ</i>	<i>Annual of the Department of Antiquities</i> . Amman, Jordan.
<i>AnnÉcPratHÉt</i>	<i>Annuaire de l'École Pratique des Hautes Études, IVème Section</i> . Paris, France.
<i>AnnHungNumSoc</i>	<i>Annual of the Hungarian Numismatic Society</i> . Budapest, Hungary.
<i>AnnMusNatArchPlovdiv</i>	<i>Annuaire du Musée National Archéologique, Plovdiv</i> . Plovdiv, Bulgaria.
<i>AnnOHMus</i>	<i>Annual of the Otto Herman Museum</i> . Otto Herman

	Museum, Miskolc, Hungary.
<i>AnnUnivPadova</i>	<i>Annali dell'Università di Padova. Facoltà di Economia e Commercio in Verona.</i> Verona, Italy.
<i>ANormandia</i>	<i>Annales de Normandie; Revue Trimestrielle d'Études Régionales.</i> Rouen, France.
<i>ANSNS</i>	See <i>NS</i> .
<i>Antemurale</i>	<i>Antemurale.</i> Institutum Historicum Polonicum Romae/Societas Polonica Scientiarum et Litterarum in Exteri Londinii, Rome, Italy/London, England.
<i>Antichthon</i>	<i>Antichthon.</i> Journal of the Australian Society for Classical Studies, Sydney, Australia.
<i>Antigua</i>	<i>Antigua.</i> Revista di Archeologia, architettura, urbanistica dalle origini al Medioeva. Rome, Italy.
<i>AntiqAfr</i>	<i>Antiquités Africaines.</i> Centre National de Recherche Scientifique, Paris, France.
<i>Antiquity</i>	<i>Antiquity. A Quarterly Review of Archaeology.</i> Gloucester, England.
<i>AntJ</i>	<i>Antiquaries' Journal. Journal of the Society of Antiquaries of London.</i> London, England.
<i>Anvil</i>	<i>The Anvil.</i> Classical & Medieval Numismatic Society, Willowdale, Ontario, Canada.
<i>APA</i>	<i>Acta Praehistorica et Archaeologica.</i> Berlin, Germany.
<i>Applied Spectroscopy</i>	<i>Applied Spectroscopy.</i> Society for Applied Spectroscopy, Baltimore, Maryland, U.S.A.
<i>Apulum</i>	<i>Apulum. Acta Musei Apulensis.</i> Alba Iulia, Romania.
<i>Aquileia Nostra</i>	<i>Aquileia Nostra.</i> Associazione nazionale per Aquileia, Udine, Italy.
<i>Arabica</i>	<i>Arabica. Revue d'Études Arabes.</i> Leiden, Netherlands.
<i>ArchAeliana</i>	<i>Archaeologica Aeliana; or Miscellaneous Tracts Relating to Antiquities.</i> Society of Antiquaries, Newcastle-upon-Tyne, England.
<i>Archaeologia</i>	<i>Archaeologia; or Miscellaneous Tracts Relating to Archaeology.</i> Society of Antiquaries, London, England.
<i>Archaeology</i>	<i>Archaeology.</i> Archaeological Institute of America, Boston, Massachusetts, U.S.A.
<i>Archaeometry</i>	<i>Archaeometry.</i> Research Laboratory for Archaeology and the History of Art, Oxford University, Oxford, England.

<i>Archaiologia</i>	<i>Archaiologia</i> . Lambrakis Press, Athens, Greece.
<i>ArchAnAth</i>	<i>Archaiologika Analekta ex Athenon</i> . Athens, Greece.
<i>ArchCambrensis</i>	<i>Archaeologia Cambrensis</i> . Cambrian Archaeological Association, London, England.
<i>ArchCantiana</i>	<i>Archaeologia Cantiana</i> . <i>Transactions of the Kent Archaeological Society</i> . London, England.
<i>ArchCl</i>	<i>Archaeologia Classica</i> . Università di Roma, Istituto di Archeologia, Rome, Italy.
<i>ArchCypria</i>	<i>Archaeologia Cypria</i> . Annual of the Association of Cypriot Archaeologists, Nicosia, Cyprus.
<i>ArchEnviron</i>	<i>Archaeology and Environment</i> . Department of Archaeology, University of Umeå, Umeå, Sweden.
<i>Archeologia</i>	<i>Archeologia</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Warsaw, Poland.
<i>Archéologie</i>	<i>Archéologie</i> . Centre National de Recherches Archéologiques en Belgique, Brussels, Belgium.
<i>Archéonumis</i>	<i>Archéonumis</i> . <i>Revue d'art, de numismatique et d'archéologie</i> . Société d'Information Artistiques, Numismatiques et Archéologiques, Paris, France.
<i>ArchEphemeris</i>	<i>Archaiologike Ephemeris</i> . Archaiologiki Hetairia en Athenais, Athens, Greece.
<i>ArchEspArq</i>	<i>Archivo Español de Arqueología</i> . Instituto del Consejo Superior de Investigaciones Científicas, Madrid, Spain.
<i>ArchEurMedAev</i>	<i>Archivum Eurasiae Medii Aevi</i> . Otto Harrassowitz, Wiesbaden, Germany.
<i>ArchFrankGeschKunst</i>	<i>Archiv für Frankfurts Geschichte und Kunst</i> . Dr. Waldemar Kramer, Frankfurt-am-Main, Germany.
<i>ArchHéraldSuisses</i>	<i>Archives Héraldiques Suisses</i> . <i>Annuaire</i> . Lausanne, Switzerland.
<i>ArchHistLev</i>	<i>Archivo de Prehistoria Levantina</i> . Valencia, Spain.
<i>ArchJ</i>	<i>The Archaeological Journal</i> . Royal Archaeological Institute of Great Britain and Ireland, London, England.
<i>ArchJuives</i>	<i>Archives Juives</i> . <i>Cahiers de la Commission des Archives Juives</i> . Paris, France.
<i>ArchLaziale</i>	<i>Archeologia Laziale</i> . Quaderni del Centro di Studi per l'Archeologia etrusco-italica, Consiglio Nazionale delle Ricerche, Rome, Italy.
<i>ArchMedio</i>	<i>Archeologia Medioevale</i> . Gruppo Archeologico Romano, Rome, Italy.

<i>ArchNachrBaden</i>	<i>Archäologische Nachrichten aus Baden.</i> Baden, Germany.
<i>ArchPol</i>	<i>Archeologia Polski.</i> Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>ArchPolona</i>	<i>Archaeologia Polona.</i> Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>ArchStorMess</i>	<i>Archivio Storico Messinese.</i> Società Messinese di Storia Patria, Messina, Italy.
<i>ArchStorSiciliaOrient</i>	<i>Archivio Storico per la Sicilia Orientale.</i> Società di Storia Patria, Catania, Sicily.
<i>ArchTriest</i>	<i>Archeografo Triestino.</i> Società del Gabinetto di Minerva, Trieste, Italy.
<i>ArchVenet</i>	<i>Archivio Veneto.</i> Deputazione di Storia Patria, Venice, Italy.
<i>ArchVeneta</i>	<i>Archeologia Veneta.</i> Società Archeologica Veneta, Padua, Italy.
<i>ArchViva</i>	<i>Archeologia Viva.</i> Arte e Natura editors, Florence, Italy.
<i>ArdenneFamenne</i>	<i>Ardenne et Famenne.</i> Embourg, Belgium.
<i>Arethusa</i>	<i>Arethusa.</i> State University of New York, Buffalo, New York, U.S.A.
<i>Argo</i>	<i>Argo.</i> Narodni Muzej, Ljubljana, Slovenia.
<i>ArhMoldovei</i>	<i>Arheologia Moldovei.</i> Institutul de Istorie și Arheologie, Iași, Romania.
<i>ArhivOlteniei</i>	<i>Arhivele Olteniei, Craiova.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România. Centru de Științe Sociale, Craiova, Romania.
<i>ArhV</i>	<i>Arheoloski Vestnik (Acta Archaeologica).</i> Academia Scientiarum et Artium Slovenica, Ljubljana, Slovenia.
<i>Arkheologiia</i>	<i>Arkheologiia. Organ na Arkheologicheskiia Institut i Muzei pri B'lgarskata Akademiia na Naukite.</i> Sofia, Bulgaria.
<i>ArkKiev</i>	<i>Arkheologiia. Natsionaljna Akademiia Nauk Ukrainy, Institut Arkheologii, Kiev, Ukraine.</i>
<i>ArkOtkr</i>	<i>Arkheologicheskie Otkrytiia [Archaeological Discoveries].</i> Institut Arkheologii, Moscow, Russia.
<i>Armenian NJ</i>	<i>Armenian Numismatic Journal.</i> Armenian Numismatic Society, Pico Rivera, California, U.S.A.

<i>ArqPort</i>	<i>Arqueólogo Português</i> . Lisbon, Portugal.
<i>Arrabona</i>	<i>Arrabona</i> . A Györi Múzeum Evkönyve. Győr, Hungary.
<i>Arse</i>	<i>Arse</i> . Sagunto, Spain.
<i>ARSRMemSecŞtiinşIst</i>	<i>Academia Republicii Socialiste România, Memoriile Secţiei de Ştiinţe Istorice</i> . Series IVA. Bucharest, Romania.
<i>Årsskrift</i>	<i>Årsskrift</i> . Förening för bevarande af stadens minnen, Gamla Lund, Lund, Sweden.
<i>ArtQ</i>	<i>Art Quarterly</i> . Detroit Institute of Arts, Detroit, Michigan, U.S.A.
<i>Aryana</i>	<i>Aryana</i> . Anjumani Tariki Afghanistan [Historical Society of Afghanistan], Kabul, Afghanistan.
<i>ASECONUM</i>	<i>ASECONUM</i> . Asociación Española de Comerciantes de Numismática, Madrid, Spain.
<i>Asharq Al-Awsat</i>	<i>Asharq Al-Awsat</i> . Arabic daily, London, England.
<i>Ashmolean</i>	<i>The Ashmolean</i> . Ashmolean Museum, Oxford, England.
<i>ASocArchNamur</i>	<i>Annales de la Société Archéologique de Namur</i> . Namur, Belgium.
<i>ASocSciLittCannes</i>	<i>Annales de la Société Scientifique Littéraire de Cannes et de l'Arrondissement de Grasse</i> . Cannes, France.
<i>Atacina</i>	<i>Atacina</i> . Laboratoire de préhistoire et de paléontologie, Dépôt de fouilles préhistoriques, Carcassonne, France.
<i>Athenaeum</i>	<i>Athenaeum; Studi Periodici de Letteratura e Storia dell'Antichità</i> . Università di Pavia, Amministrazione di Athenaeum, Pavia, Italy.
<i>AthMitt</i>	See <i>MDAI(A)</i> .
<i>Atiqot</i>	<i>Atiqot</i> . Department of Antiquities, Jerusalem, Israel.
<i>AttiAccadSciBologna</i>	<i>Atti dell'Accademia di Scienze di Bologna. Rendiconti</i> . Accademia delle Scienze di Bologna, Bologna, Italy.
<i>AttiIstVeneto</i>	<i>Atti. Istituto Veneto di Scienze, Lettere ed Arti</i> . Venice, Italy.
<i>AttiMem</i>	<i>Atti e memorie</i> . Deputazione di storia patria per le Marche, Ancona, Italy.
<i>AttiMemSocMagnaGrecia</i>	<i>Atti e Memorie della Società Magna Grecia</i> . Rome, Italy.
<i>AttiMemSocTiburtina</i>	<i>Atti e Memorie della Società Tiburtina di Storia e d'Arte</i> . Accademia degli Agevoli/ Colonia degli Arcadi Sibillini, Tivoli, Italy.

<i>AttiMemStorPatModen</i>	<i>Atte e Memorie della Deputazione di Storia Patria per le Antiche Province Modenesi.</i> Aedes Muratoriana, Modena, Italy.
<i>AttiSocLigStorPatria</i>	<i>Atti della Società Ligure di Storia Patria.</i> Deputazione di Storia Patria per la Liguria, Genoa, Italy.
<i>Augur</i>	<i>The Augur.</i> Biblical Numismatic Society, Beverly Hills, California, U.S.A.
<i>Auvergne Litt</i>	<i>L'Auvergne Littéraire, Artistique et Historique.</i> Clermone-Ferrand, France.
<i>AV</i>	<i>Annales Valaisannes.</i> Société d'Histoire du Valais Romand, Saint-Maurice, Switzerland.
<i>AylikAnsikDergi</i>	<i>Aylik Ansiklopedik Dergi.</i> Istanbul, Turkey.
<i>AzÉrem</i>	<i>Magyar Éremgyűjtők Egyesülete.</i> Association of the Hungarian Coin Collectors, Budapest, Hungary.
<i>BA</i>	<i>Bollettino d'Arte del Ministero della Pubblica Istruzione.</i> Rome, Italy.
<i>BAA</i>	<i>British Archaeological Abstracts.</i> Council for British Archaeology, London, England.
<i>BAcadRoyBelg</i>	<i>Bulletin de la Classe des Lettres et des Sciences Morales et Politiques, Académie Royale de Belgique.</i> Brussels, Belgium.
<i>Balkan Stud</i>	<i>Balkan Studies.</i> Institute for Balkan Studies, Thessalonica, Greece.
<i>Banatica</i>	<i>Banatica.</i> Comitetul de Cultură Socialista al Județului Caraș Severin, Muzeul Județean, Reșița, Romania.
<i>BanbErevHamal</i>	<i>Banber Erevani Hamalsarani—Vestnik Erevanskogo Universiteta.</i> Erevan, Armenia.
<i>Bancoposten</i>	<i>Bancoposten.</i> Stockholm, Sweden.
<i>Bankovka</i>	<i>Bankovka: Informační Bulletin Klubu Sbératelů Papirových Platidel Numismatické Společnosti Československé.</i> Prague, Czech Republic.
<i>Bankszemle</i>	<i>Bankszemle.</i> Hungarian National Bank, Budapest, Hungary.
<i>Barilla</i>	<i>Barilla.</i> Central Bank Money Museum, Manila, Philippine Islands.
<i>BASOR</i>	<i>Bulletin of the American Schools of Oriental Research.</i> American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>BBMG</i>	<i>Bremer Beiträge zur Münz- und Geldgeschichte.</i> Bremer Numismatische Gesellschaft, Bremen,

	Germany.
<i>BCASicilia</i>	<i>BCA Sicilia</i> . Regione Siciliana, Assessorato ai Beni Culturali e Ambientali e alla Pubblica Istruzione, Palermo, Italy.
<i>BCH</i>	<i>Bulletin de Correspondance Hellénique</i> . École Française d'Athènes, Paris, France.
<i>BCTH</i>	<i>Bulletin archéologique du Comité des travaux historiques et scientifiques</i> . Paris, France.
<i>BEcCamCommercRavenna</i>	<i>Bollettino Economico</i> . Camera di Commercio, Industria, Artigianato e Agricoltura di Ravenna, Ravenna, Italy.
<i>Belgeler</i>	<i>Belgeler</i> [Documents]. Türk Tarih Kurumu Basimevi, Ankara, Turkey.
<i>Belgelerle Türk Tarihi Dergisi</i>	<i>Belgelerle Türk Tarihi Dergisi</i> . Ayluk Tarih ve Kültür Dergisi, Istanbul, Turkey.
<i>Belleten</i>	<i>Belleten</i> . Türk Tarih Kurumu Basimevi, Ankara, Turkey.
<i>Berkshire ArchJ</i>	<i>Berkshire Archaeological Journal</i> . Berkshire Archaeological and Architectural Society, Reading, England.
<i>BerStaatDenkmalpf Saarland</i>	<i>Bericht der Staatlichen Denkmalpflege in Saarland. Beiträge zur Archäologie und Kunstgeschichte</i> . Staatliches Konservatoramt, Saarbrücken, Germany.
<i>Berytus</i>	<i>Berytus</i> . American University of Beirut, Museum of Archaeology, Beirut, Lebanon.
<i>BethHamikra</i>	<i>Beth Hamikra</i> . <i>Bulletin of the Israel Society for Biblical Research and the World Jewish Biblical Society</i> . Jerusalem, Israel.
<i>BÉtOrient</i>	<i>Bulletin d'Études Orientales</i> . Institut Français de Damas, Damascus, Syria.
<i>BiblArch</i>	<i>Biblical Archaeologist</i> . American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>BiblÉcChartes</i>	<i>Bibliothèque de l'École des Chartes</i> . Paris, France.
<i>BiblHistVaudoise</i>	<i>Bibliothèque Historique Vaudoise</i> . Société Historique Vaudoise, Lausanne, Switzerland.
<i>BiblOrient</i>	<i>Bibliotheca Orientalis</i> . Nederlands Instituut voor het Nabije Oosten, Leiden, Netherlands.
<i>BickelCMN</i>	<i>Bickel's Coin and Medal News</i> . <i>Munt en Medaljenuus</i> . Johannesburg, South Africa.
<i>BICS</i>	<i>Bulletin of the Institute of Classical Studies</i> . London, England.
<i>BIN</i>	<i>Bulletin van de IBNS-Nederland</i> . The Netherlands

	chapter of the IBNS, Branding 24, 1186 DH Amsterdam. ISSN 0925-4587
<i>BInfZakNarod</i>	<i>Biuletyn Informacyjny Zakładu Narodowego Ossolińskich Biblioteki Polskiej Akademii Nauk.</i> Wrocław, Poland.
<i>BiullInforZarMuz</i>	<i>Biuletyn Informacyjny Zarządu Museów i Ochrony Zabytków.</i> Board of Museums and Preservation of Monuments of the Ministry of Culture and Art in Poland.
<i>BiulŻydowskiego InstHist</i>	<i>Biuletyn Żydowskiego Instytutu Historycznego.</i> Warsaw, Poland.
<i>BlDeutscheLandesgesch</i>	<i>Blätter für Deutsche Landesgeschichte.</i> Gesamtverein der Deutschen Geschichts- und Altertumsvereine, Wiesbaden, Germany.
<i>BMadagascar</i>	<i>Bulletin de Madagascar.</i> Service Général de l'Information, Tananarive, Madagascar.
<i>BMemSocArchBordeaux</i>	<i>Bulletin et Mémoires de la Société Archéologique de Bordeaux.</i> Bordeaux, France.
<i>BMNB</i>	<i>Bulletin du Musée National de Burgas.</i> Burgas, Bulgaria.
<i>BMQ</i>	<i>British Museum Quarterly.</i> London, England.
<i>BMusBeyruth</i>	<i>Bulletin.</i> Musée National Libanais, Beirut, Lebanon. Paris, France.
<i>BN</i>	<i>Biuletyn Numizmatyczny.</i> Polskie Towarzystwo Archeologiczne i Numismatyczne, Warsaw, Poland.
<i>BNJ</i>	<i>British Numismatic Journal Including the Proceedings of the British Numismatic Society.</i> London, England.
<i>BNN</i>	<i>Banknote News.</i> Formerly <i>Bond and Banknote News.</i> Token Publishing, Ltd., Honiton, Devon, England.
<i>BNR</i>	<i>Bank Note Reporter.</i> Citra, Florida, U.S.A.
<i>BolArq</i>	<i>Boletín Arqueológico de Tarragona.</i> Sociedad Arqueológica Tarraconensis, Tarragona, Spain.
<i>BollInstNumHist San Nicolas</i>	<i>Boletín.</i> Instituto de Numismática e Historia de San Nicolas de los Arroyos, Argentina.
<i>BollCircNumNapoletano</i>	<i>Bollettino del Circolo Numismatico Napoletano.</i> Naples, Italy.
<i>BollN</i>	<i>Bollettino Numismatico di Luigi Simonetti.</i> Florence, Italy
<i>BollNum</i>	<i>Bollettino di Numismatica.</i> Ministero per i Beni Culturali, Istituto Poligrafico e Zecca dello Stato, Rome, Italy.

<i>BolNumBrasil</i>	<i>Boletín de Numismática.</i> Sociedade Numismática Brasileira, São Paulo, Brazil.
<i>BolSemEstArteArq</i>	<i>Boletín del Seminario de Estudios de Arte y Arqueología.</i> Valladolid, Spain.
<i>Bonner Jb</i>	<i>Bonner Jahrbücher.</i> Verein von Altertumsfreunden im Rheinlande, Rheinisches Landesmuseum, Bonn, Germany.
<i>Boreas</i>	<i>Boreas Münstersche Beiträge zur Archäologie.</i> Münster, Germany.
<i>BornholmSam</i>	<i>Bornholmske Samlinger.</i> Rønne, Denmark.
<i>BQ</i>	<i>Banknote Quarterly.</i> London, England.
<i>Brabantse Folklore</i>	<i>De Brabantse Folklore.</i> Dienst voor Geschiedkundige en Folkloristische Opzoekingen van de Provincie Brabant, Brussels, Belgium.
<i>Braničevo</i>	<i>Braničevo.</i> Narodni Universitet u Požarevac, Požarevac, Yugoslavia.
<i>BRealAcad</i>	<i>Boletín de la Real Academia de Historia.</i> Madrid, Spain.
<i>Britannia</i>	<i>Britannia.</i> Society for Promotion of Roman Studies, London, England.
<i>BSA</i>	See <i>ABSA</i> .
<i>BSEAA</i>	<i>Boletín del Seminario de Estudios de Arte y Arqueología.</i> Universidad de Valladolid, Valladolid, Spain.
<i>BSFN</i>	<i>Bulletin de la Société Française de Numismatique.</i> Cabinet des Médailles de la Bibliothèque Nationale, Paris, France.
<i>BSNR</i>	<i>Buletinul Societății Numismatice Române.</i> Bucharest, Romania.
<i>BSOAS</i>	<i>Bulletin of the School of Oriental and African Studies.</i> University of London, London, England.
<i>BSocArchEure-et-Loir</i>	<i>Bulletin des Sociétés d'Études d'Eure-et-Loire.</i> Chartres, France.
<i>BSocArchHCH</i>	<i>Bulletin de la Société archéologique et historique des Hauts Cantons de l'Herault.</i> La Société archéologique et historique des Hauts Cantons de l'Herault. Bédarieux (Herault), France.
<i>BSocÉtSciAude</i>	<i>Bulletin de la Société d'Études Scientifiques de l'Aude.</i> Carcassonne, France.
<i>BSocLittHistBrie</i>	<i>Bulletin de la Société Littéraire et Historique de la Brie.</i> Meaux, France.
<i>București</i>	<i>București.</i> Muzeul de Istorie a Municipului București, Bucharest, Romania. See also <i>MatIstMuzBucurești</i> .

<i>Budapest Rég</i>	<i>Budapest Régiségi.</i> Budapest Történeti Múzeum, Budapest, Hungary.
<i>BuillArq</i>	<i>Bulletin Arqueologic.</i> Tarragona, Spain.
<i>BullAIÉtSEur</i>	<i>Bulletin de l'Association Internationale des Études du Sud-Est Européen.</i> Bucharest, Romania.
<i>BullArchAlg</i>	<i>Bulletin d'Archéologie Algérienne.</i> République Algérienne, Ministère de l'Information et de la Culture, Direction des Beaux Arts, Algiers, Algeria.
<i>BullArchMaroc</i>	<i>Bulletin d'Archéologie Marocaine.</i> Royaume de Maroc, Ministère de la Culture, Direction des Monuments et des Antiquités, Rabat, Morocco.
<i>BullCercArchHesbayeCondroz</i>	<i>Bulletin du Cercle Archéologique Hesbaye-Condroz.</i> Amay, Belgium.
<i>BullClFranMed</i>	<i>Bulletin Club Français de la Médaille.</i> Paris, France.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale in Roma.</i> L'Erma, Rome, Italy.
<i>BullCommArchNarbonne</i>	<i>Bulletin de la Commission Archéologique de Narbonne.</i> Narbonne, France.
<i>Bulletin</i>	<i>Bulletin.</i> Central Bank of Tunisia, Tunis, Tunisia.
<i>BullHistMetalGroup</i>	<i>Bulletin of the Historical Metallurgy Group.</i> Iron and Steel Institute, London, England.
<i>BullInst</i>	<i>Bulletin of the Institute of Archaeology of the University of London.</i> London, England.
<i>BullInstArchLiégeois</i>	<i>Bulletin de l'Institut Archéologique Liégeois.</i> Liège, Belgium.
<i>BullInstÉgypt</i>	<i>Bulletin de l'Institut d'Égypte.</i> Cairo, Egypt.
<i>BullMusArchUP</i>	<i>Bulletin of Museums and Archaeology in U.P.</i> Lucknow, India.
<i>BullSocÉtLot</i>	<i>Bulletin de la Société des Études du Lot.</i> Cahors, France.
<i>BullSocNatAntFrance</i>	<i>Société Nationale des Antiquaires de France.</i> Palais du Louvre, Paris, France.
<i>BullStorPistoiese</i>	<i>Bullettino Storico Pistoiese.</i> Società Postoiese di Storia Patria, Pistoia, Italy.
<i>BültenTurkNumSoc</i>	<i>Bülten.</i> The Turkish Numismatic Society, Istanbul, Turkey.
<i>BulMonIst</i>	<i>Buletinul Monumentelor Istorica.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>BulMusNat Varna</i>	<i>Bulletin du musée national à Varna.</i> Varna, Bulgaria.
<i>Buridava</i>	<i>Buridava.</i> Studii și materiale. Muzeul Județean

	Vîlcea, Rîmnicu Vîlcea, Romania.
<i>Byminner</i>	<i>Byminner</i> . Oslo, Norway.
<i>Byzantina</i>	<i>Byzantina</i> . Annual Review of the Center for Byzantine Studies of the School of Philosophy, University of Thessaloniki, Thessalonica, Greece.
<i>Byzantion</i>	<i>Byzantion</i> . <i>Revue Internationale des Études Byzantines</i> . Société Belge d'Études Byzantines, Brussels, Belgium.
<i>Byzantinobulgarica</i>	<i>Byzantinobulgarica</i> . B'lgarska Akademiâ na Naukite, Institut za Istoriâ, Sofia, Bulgaria.
<i>ByzForsch</i>	<i>Byzantinische Forschungen</i> . Amsterdam, Netherlands.
<i>Byzantinoslavica</i>	<i>Byzantinoslavica</i> . <i>Sbornik pro studium byzantskoslovanských vztahů</i> . Prague, Czech Republic.
<i>BZ</i>	<i>Byzantinische Zeitschrift</i> . Munich, Germany.
<i>CA</i>	<i>Cercetări Arheologice</i> . Academia de Științe Sociale și Politice, Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>Caesaraugusta</i>	<i>Caesaraugusta; publicaciones del Seminario de Arqueología y Numismática Aragonensas</i> . Institución "Fernando el Católico," Saragossa, Spain.
<i>CahAnnNorm</i>	<i>Cahiers des Annales de Normandie</i> . Caen, France.
<i>CahArchHistBerry</i>	<i>Cahiers d'Archéologie et d'Histoire du Berry</i> . Bourges, France.
<i>CahArchMidi-Pyr</i>	<i>Cahiers archéologiques de Midi-Pyrénées</i> . Musée Saint-Raymond, Toulouse, France.
<i>CahBourscheid</i>	<i>Les Cahiers de Bourscheid</i> . Les Amis du Château du Bourscheid A.D.B.L., Bourscheid, Luxembourg.
<i>CahCivMed</i>	<i>Cahiers de Civilisation Médiévale</i> . Université de Poitiers, Centre d'Études Supérieures de Civilisation Médiévale, Poitiers, France.
<i>CahHistMond</i>	<i>Cahiers d'Histoire Mondiale</i> . <i>Journal of World History</i> . <i>Cuadernos de Historia Mundial</i> . Commission Internationale pour un Histoire du Développement Scientifique et Culturel de l'Humanité, Neuchatel, Switzerland.
<i>CahN</i>	<i>Cahiers Numismatiques</i> . <i>Bulletin de la Société d'Études Numismatiques et Archéologiques</i> . Paris, France.
<i>CahRené de Lucinge</i>	<i>Cahiers René de Lucinge</i> . Ambérieu, France.

<i>CahTunisie</i>	<i>Cahiers de Tunisie. Revue des Sciences Humaines.</i> Institut des Hautes Études, Tunis, Tunisia.
<i>CalcoinN</i>	<i>Calcoin News.</i> California State Numismatic Association, Colton, California, U.S.A.
<i>Cal-Neva TL</i>	<i>Cal-Neva Token Ledger.</i> Visalia, California, U.S.A.
<i>CAntiqFPL</i>	<i>Coins and Antiquities Ltd. [Fixed Price List].</i> London, England. Succeeds <i>Crowther FPL</i> .
<i>Carinthia</i>	<i>Carinthia. Mitteilungen des Geschichtsverein für Kärnten.</i> Klagenfurt, Austria.
<i>Carpica</i>	<i>Carpica.</i> Muzeul de Istorie, Bacau, Romania.
<i>CartArchGDLux</i>	<i>Carte Archéologique du Grand-Duché de Luxembourg.</i> Rosport, Luxembourg.
<i>Casana</i>	<i>La Casana.</i> Casa di Risparmio di Genova e Imperia, Genoa, Italy.
<i>ČasMoravMuz</i>	<i>Časopis Moravského Muzea.</i> Moravské Muzeum v Brně, Brno, Czech Republic.
<i>ČasNárodMuz</i>	<i>Časopis Národního Muzea. Historické Muzeum Ročník.</i> The Národní Muzeum, Prague, Czech Republic.
<i>ČasSlezskéMuz</i>	<i>Časopis Slezského Muzea.</i> Slezské Museum Opava, Opava, Czech Republic.
<i>CC</i>	<i>The Currency Collector.</i> World Paper Currency Collectors, Altadena/Pasadena, California, U.S.A.
<i>CCC</i>	<i>Cash Coin Connection.</i> John Kallman, PSC Box 3467, APO San Francisco 96519, U.S.A. (Misawa Air Base, Japan)
<i>CCN</i>	<i>Canadian Coin News.</i> Muskoka Community Newspapers Inc., Bracebridge, Ontario, Canada.
<i>CCS</i>	<i>Bulletin of the Counterfeit Collector's Society.</i>
<i>Ceca de Caracas</i>	<i>Ceca de Caracas.</i> Asociación Venezolana de Numismáticos, Caracas, Venezuela.
<i>Celator</i>	<i>The Celator.</i> P.O. Box 123, Lodi, Wisconsin 53555, U.S.A.
<i>CENB</i>	<i>Cercle d'Études Numismatiques. Bulletin.</i> Brussels, Belgium.
<i>CentAsiaJ</i>	<i>Central Asiatic Journal. International Periodical for the Languages, Literature, History and Archaeology of Central Asia.</i> Deutschen Forschungsgemeinschaft, The Hague, Netherlands.
<i>CercetArhBucurești</i>	<i>Cercetări arheologice în București.</i> Muzeul de istorie a municipiului București, Bucharest, Romania.

<i>CercetIst</i>	<i>Cercetări Istorice</i> . Muzeul de Istorie al Moldovei, Iași, Romania.
<i>CercetNum</i>	<i>Cercetări Numismatice</i> . Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>ČeskČasHist</i>	<i>Československý Časopis Historický</i> . Ústav Československých a Světových Dějin [Institute of Czechoslovak and World History], Prague, Czech Republic.
<i>ČeskýLid</i>	<i>Český Lid</i> . Jedrotný svaz Českých Zemědělců, Prague, Czech Republic.
<i>CFM</i>	<i>Club Français de la Médaille</i> . Administration des Monnaies et Médailles, Hôtel de la Monnaie, Paris, France.
<i>Chiron</i>	<i>Chiron</i> . Kommission für Alte Geschichte und Epigraphik des Deutschen Archäologischen Instituts, Munich/Berlin, Germany.
<i>ClassJ</i>	<i>The Classical Journal</i> . Ohio University, Athens, Ohio, U.S.A.
<i>ClassPhil</i>	<i>Classical Philology</i> . University of Chicago, Chicago, Illinois, U.S.A.
<i>ClassW</i>	<i>Classical World</i> . Classical Association of the Atlantic States, Bethlehem, Pennsylvania, U.S.A.
<i>CM</i>	<i>Coins, Incorporating Coins and Medals</i> . Croydon, England.
<i>CM Annual</i>	<i>Coins Annual</i> . Croydon, England.
<i>CMC</i>	<i>Coins, Medals and Currency Weekly</i> . London, England.
<i>CMCD</i>	<i>Coins, Medals and Currency Digest and Monthly Catalogue</i> . London, England.
<i>CMonth</i>	<i>Coin Monthly</i> . Brentwood, England.
<i>CN</i>	<i>Coin News</i> . (Formerly <i>Coins and Medals [CM]</i> and <i>Coin and Medal News [CMN]</i> .) London, England.
<i>CNJ</i>	<i>Canadian Numismatic Journal</i> . Canadian Numismatic Association, Willowdale, Ontario, Canada.
<i>CNL</i>	<i>Colonial Newsletter</i> . Huntsville, Alabama, U.S.A.
<i>CNQ</i>	<i>Canadian Numismatic Quarterly</i> . Ottawa, Ontario, Canada.
<i>CNS</i>	<i>Corpus Nummorum Saeculorum IX-XI qui in Suecia reperti sunt</i> . Kungl. Vetterhets Historie och Antikvitetsakademien, Stockholm, Sweden.
<i>Coinage</i>	<i>Coinage</i> . Encino, California, U.S.A.

<i>Coin Hoards</i>	<i>Coin Hoards</i> . Royal Numismatic Society, London, England.
<i>Coin Rev</i>	<i>Coin Review</i> . Bimonthly Bulletin of the Numismatic Society of India, Varanasi, India.
<i>Coins</i>	<i>Coins</i> . Iola, Wisconsin, U.S.A.
<i>CollAmisHist</i>	<i>Collection des Amis de l'Histoire</i> . Association des Amis de l'Histoire, Luxembourg.
<i>CollFr</i>	<i>Le Collectionneur Français</i> . Paris, France.
<i>CommBiblHistMedHungar</i>	<i>Communicationes ex Bibliotheca Historiae Medicae Hungarica</i> . Semmelweis Museum and Library of Medical History, Budapest, Hungary.
<i>Commentationes, Nova Series</i>	<i>Commentationes de Nummis Saeculorum IX-XI in Suecia repertis</i> . Nova Series. Kungl. Vitterhets Historie och Antikvitetsakademien, Stockholm—Spink & Son Ltd., London.
<i>CommHistArtMed</i>	<i>Communicationes de Historia Artis Medicinae</i> . Formerly <i>CommBiblHistMedHungar</i> .
<i>Contrebis</i>	<i>Contrebis</i> . Lancaster Archaeological Society, Lancaster, England.
<i>Cornish Arch</i>	<i>Cornish Archaeology</i> . Cornwall Archaeological Society, Camborne, England.
<i>Cornucopiae</i>	<i>Cornucopiae</i> . The Ancient Coin Society, Toronto, Canada.
<i>Corse Hist</i>	<i>Corse Historique. Études et Documents</i> . Ajaccio, Corsica.
<i>CPMJ</i>	<i>Canadian Paper Money Journal</i> . Canadian Paper Money Society, Vancouver, Canada.
<i>CR</i>	<i>Classical Review</i> . Classical Association, London, England.
<i>CRAI</i>	<i>Comptes-rendus de l'Académie des Inscriptions et Belles-Lettres</i> . Paris, France.
<i>CreștColecț</i>	<i>Creșterea Colecțiilor</i> . <i>Caiet Selectiv de Informare Bibliotecii Academiei Republicii Socialiste România</i> . Bucharest, Romania.
<i>CreștPatrMuzBul</i>	<i>Creșterea Patrimoniului Muzeal</i> . <i>Buletin</i> . Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>Crisia</i>	<i>Crisia</i> . <i>Culegere de materiale și studii</i> . Institutul Pedagogic Oradea, Facultatea de Istorie-Geografie, Oradea, Romania.
<i>CrowtherFPL</i>	<i>D.J. Crowther Ltd. [Fixed Price List]</i> . London, England. See also <i>CAntiqFPL</i> .
<i>CSAN</i>	<i>Coin, Stamp and Antique News</i> . Toronto, Canada.
<i>CSC</i>	<i>Coins, Stamps and Collecting</i> . <i>Incorporating</i>

	<i>Coins, Medals and Currency Weekly.</i> London, England.
CSSAI	<i>Caietul Seminarului special de Stiinte auxiliare ale istoriei.</i> Universitatea Bucuresti. Bucharest, Romania.
CT	<i>The Canadian Token.</i> Canadian Association of Token Collectors, Hamilton, Ontario, Canada.
CuadNum	<i>Cuadernos de Numismática.</i> Madrid, Spain.
CuadPARqCast	<i>Cuadernos de Prehistoria y Arqueología Castellonense.</i> Disputacion Provincial de Castellon de la Plana, Departamento de Arqueología, Castelon de la Plana, Spain.
CuadPrehArq	<i>Cuadernos de Prehistoria y Arqueologia.</i> Universidad Autónoma de Madrid, Madrid, Spain.
Cuenca	<i>Cuenca.</i> Museum of Cuenca, Diputacion Provincial de Cuenca, Cuenca, Spain.
CulStudCercBraşov	<i>Culegere de Studii si Cercetări.</i> Muzeul Regional, Braşov, Romania.
Cumania	<i>Cumania.</i> Acta Museorum ex Comitatu Bács-Kiskun. Kecskémet, Hungary.
Cumidava	<i>Cumidava.</i> <i>Culegere de Studii şi Cercetări.</i> Muzeul Judeţean, Braşov, Romania.
Cunobelin	<i>Cunobelin.</i> <i>Yearbook of the British Association of Numismatic Societies.</i> Leeds, England.
CW	<i>Coin World.</i> Sidney, Ohio, U.S.A.
CWTJ	<i>Civil War Token Journal.</i> Civil War Token Society, U.S.A.
Dacia	<i>Dacia.</i> <i>Revue d'Archéologie et d'Histoire Ancienne.</i> Académie des Sciences Sociales et Politiques de la République Socialiste de Roumanie, Institut d'Archéologie, Bucharest, Romania.
Dal'nii Vostok	<i>Dal'nii Vostok.</i> [Union of Authors of the RSFSR and Khabarovsk Authors Organization]. Khabarovsk, Russia.
Danubius	<i>Danubius.</i> Muzeul de Istorie, Galaţi, Romania.
Derbyshire ArchJ	<i>Derbyshire Archaeological Journal.</i> Derbyshire Archaeological and Natural History Society, London, England.
Déri MúzéV	<i>Déri Múzeum Évkönyve.</i> Debrecen, Hungary.
DialHistAnc	<i>Dialogues d'Histoire Ancienne.</i> Université Besançon, Besançon, France.
Dinar	<i>Dinar.</i> Serbian Numismatic Society, Belgrade,

	Federal Republic of Yugoslavia.
<i>DirAthIslam</i>	<i>Dirasat Athariyya Islamiyya</i> . Islamic Archaeological Studies. Museums Service of the Egyptian Organization of Antiquities, Cairo, Egypt.
<i>DiscExcavScot</i>	<i>Discovery and Excavation, Scotland</i> . Council for British Archaeology, Scottish Regional Group, Dundee, Scotland.
<i>DocRapports</i>	<i>Documents et rapports de la Société royale d'Archéologie et de Paléontologie de Charleroi</i> . Société royale d'Archéologie et de Paléontologie de Charleroi, Charleroi, Belgium.
<i>DOP</i>	<i>Dumbarton Oaks Papers</i> . Dumbarton Oaks Research Library, Washington, D.C., U.S.A.
<i>Dresdner Kunstbl</i>	<i>Dresdner Kunstblätter</i> . <i>Monatsschrift der Staatlichen Kunstsammlungen Dresden</i> . Dresden, Germany.
<i>Drobeta</i>	<i>Drobeta</i> . Muzeul Regiunii Portilor de Fier, Drobeta-Turnu-Severin, Romania.
<i>DTCM</i>	<i>Danish Token Club Medlemsblad</i> . Copenhagen, Denmark.
<i>Duinen</i>	<i>De Duinen</i> . <i>Belletin du Centre Scientifique et Culturel de l'Abbaye des Dunes et du Westhoek</i> . Koksijde, Belgium.
<i>Dzeglis Megobari</i>	<i>Dzeglis Megobari</i> . Gruzinskoe Obshchestvo okhrany Pamiatnikov Kul'tury, Tiflis, Georgia
<i>EAJ</i>	<i>East Asia Journal</i> . Ft. Wayne, Indiana, U.S.A.
<i>ÉchangUniv</i>	<i>L'Échangiste Universel</i> . <i>Revue mensuelle des collectionneurs de timbres et des numismates</i> . Le Havre, France.
<i>EconHistRev</i>	<i>Economic History Review</i> . Economic History Society, London, England.
<i>EcStor</i>	<i>Economia e Storia; rivista italiana di storia economica e sociale</i> . Milan, Italy.
<i>ÉgriMúzEv</i>	<i>Az Égri Múzeum Evkönyve</i> . Eger, Hungary.
<i>Eire</i>	<i>Eire-Ireland</i> . <i>A Journal of Irish Studies</i> . Irish American Cultural Institute, St. Paul, Minnesota, U.S.A.
<i>Ejmiacin</i>	<i>Ejmiacin, Paštonakan amsagir Hayrapetakan At'oroy S. Ejmiacin</i> . Etchmiadzin, Russia.
<i>ElevKosmos</i>	<i>Elevtheros Kosmos</i> . Athens, Greece.
<i>Emilia Preromana</i>	<i>Emilia Preromana</i> . Museo Civico, Bologna, Italy.
<i>EN</i>	<i>European Numismatics</i> . Amsterdam, Netherlands.
<i>EpigIndica</i>	<i>Epigraphica Indica</i> . Archaeological Survey of

	India, Calcutta, India.
<i>EPJ</i>	<i>Essay-Proof Journal. Official Journal of the Essay-Proof Society.</i> Jefferson, Wisconsin, U.S.A.
<i>Érem</i>	<i>Érem.</i> Association of Hungarian Coin Collectors, Budapest, Hungary.
<i>Eretz Israel</i>	<i>Eretz Israel.</i> Israel Exploration Society. Jerusalem, Israel.
<i>Essex ArchHist</i>	<i>Essex Archaeology and History.</i> Colchester, England. Formerly <i>TransEssex ArchSoc.</i>
<i>EstudExtremeños</i>	<i>Estudios Extremeños; revista histórica, literaria y artística.</i> Servicios Culturales de la Excelentísima Disputación Provincial, Badajoz, Paraguay.
<i>EstudHistArqMed</i>	<i>Estudios de Historia y Arqueología Medievales.</i> Cadiz, Spain.
<i>ÉtBalkan</i>	<i>Études Balkaniques.</i> Académie Bulgare des Sciences, Institute d'Études Balkaniques, Sofia, Bulgaria.
<i>ÉtClass</i>	<i>Les Études classiques.</i> Société des Études Classiques, Namur, Belgium.
<i>EW</i>	<i>East and West.</i> Istituto Italiano per il Medio ed Estremo Oriente, Rome, Italy.
<i>Expedition</i>	<i>Expedition. Bulletin of the University Museum of the University of Pennsylvania.</i> Philadelphia, Pennsylvania, U.S.A.
<i>Ezhegodnik GIM</i>	<i>Ezhegodnik Gosudarstvennyi istoricheskii Muzei.</i> Moscow, Russia.
<i>FA</i>	<i>Fasti Archeologici.</i> International Association for Classical Archaeology, Florence, Italy.
<i>Falbygden</i>	<i>Falbygden.</i> Falbygdens Hembygds-oc Forminner Förenin, Falköping, Sweden.
<i>Fare Box</i>	<i>The Fare Box.</i> American Vecturist Association, Boston, Massachusetts, U.S.A.
<i>Fataburen</i>	<i>Fataburen; Nordiska Museets och Skansens Årsbok.</i> Stockholm, Sweden.
<i>Faventia</i>	<i>Faventia.</i> Universitat Autònoma de Barcelona, Barcelona, Spain.
<i>FB</i>	<i>Forschungen und Berichte.</i> Staatliche Museen zu Berlin, Berlin, Germany.
<i>FEJ</i>	<i>Far East Journal.</i> Tokyo, Japan.
<i>FennArch</i>	<i>Fennoscandia archaeologica.</i> Archaeological Society of Finland, Helsinki, Finland.
<i>FinstkMus</i>	<i>Finskt Museum.</i> Archaeological Society of Finland,

	Helsinki, Finland.
<i>Folia Arch</i>	<i>Folia Archeologica.</i> Magyar Nemzeti Múzeum Történeti Múzeumának Évkönyve. Budapest, Hungary.
<i>Folia Orient</i>	<i>Folia Orientalia.</i> Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>Folk</i>	<i>Folk;</i> Dansk etnografisk tidsskrift. Dansk Etnografisk Forening, Copenhagen, Denmark.
<i>Forint</i>	<i>Forint.</i> Hungarian National Bank Laborers, Budapest, Hungary.
<i>Fornvännen</i>	<i>Fornvännen.</i> Tidskrift för Svensk Antikvarisk Forskning. The Royal Academy of Letters, History and Antiquities in collaboration with the Swedish Archaeological Association, Stockholm, Sweden.
<i>ForschVolksLand</i>	<i>Forschungen zur Volks- und Landeskunde.</i> Academia Republicii Socialiste România, Sektion für Gesellschaftswissenschaften, Sibiu, Romania.
<i>Fortid og Nutid</i>	<i>Fortid og Nutid.</i> Tidsskrift for Kulturhistorie og Lokalhistorie. Dansk Historisk Fællesforening, Copenhagen, Denmark.
<i>FRA</i>	<i>Fra Randers Amt.</i> Historical Association of the County of Randers, Randers, Denmark.
<i>Fra Als og Sundeved</i>	<i>Fra Als og Sundeved.</i> Historisk Samfund fra Als og Sundeved, Sønderborg, Denmark.
<i>FundberHessen</i>	<i>Fundberichte aus Hessen.</i> Amt für Bodendenkmalpflege, Darmstadt, Germany.
<i>FundberÖsterreich</i>	<i>Fundberichte aus Österreich.</i> Bundesdenkmalamt, Vienna, Austria.
<i>FundberSchwaben</i>	<i>Fundberichte aus Schwaben.</i> Gesellschaft für Vor- und Frühgeschichte in Württemberg und Hohenzollern, Stuttgart, Germany.
<i>GacNum</i>	<i>Gaceta Numismatica.</i> Asociación Numismática Española, Barcelona, Spain.
<i>Gallia</i>	<i>Gallia.</i> Cercle Archéologique de Gosselies, Visé, Belgium.
<i>GazNum</i>	<i>Il Gazzettino Numismatico.</i> Santa Severina, Italy.
<i>Geldscheinsammler</i>	<i>Der Geldscheinsammler.</i> Regenstein, Germany.
<i>Genava</i>	<i>Genava.</i> Geneva, Switzerland.
<i>GeographJ</i>	<i>Geographical Journal.</i> Royal Geographical Society of London, London, England.
<i>Germania</i>	<i>Germania.</i> Archäologisches Institut des Deutschen Reichs, Frankfurt-am-Main, Germany.
<i>GettyMusJ</i>	<i>J. Paul Getty Museum Journal.</i> J. Paul Getty

	Museum, Malibu, California, U.S.A.
<i>Gitut'yun Texnika</i>	<i>Gitut'yun ew Texnika</i> . Erevan, Armenia.
<i>Gladius</i>	<i>Gladius. Études sur les armes anciennes, l'armement, l'art militaire et la vie culturelle en Orient et Occident.</i> Instituto de Estudios sobre Armas Antiguas, Consejo Superior de Investigaciones Científicas, Jaraiz de la Vera, Spain.
<i>Glasgow ArchJ</i>	<i>Glasgow Archaeological Journal.</i> Glasgow Archaeological Society, Glasgow, Scotland.
<i>GN</i>	<i>Geldgeschichtliche Nachrichten.</i> Gesellschaft für Internationale Geldgeschichte, Frankfurt-am-Main, Germany.
<i>Gnomon</i>	<i>Gnomon. Kritische Zeitschrift für die Gesamte Klassische Altertumswissenschaft.</i> Munich, Germany.
<i>Gobrecht J</i>	<i>The Gobrecht Journal.</i> Albertson, New York, U.S.A.
<i>Godišnjak Pomorskog MuzKotoru</i>	<i>Godišnjak Pomorskog Muzeja u Kotoru</i> [Yearbook of the Maritime Museum in Kotor]. Kotor, Croatia.
<i>Gotländskt Arkiv</i>	<i>Gotländskt Arkiv.</i> Föreningen Gotlands Fornvänner, Visby, Sweden.
<i>GPVJ</i>	<i>Gesellschaft Pro Vindonissa. Jahresbericht.</i> Vindonissa-Museum, Brugg, Switzerland.
<i>GRBS</i>	<i>Greek, Roman and Byzantine Studies.</i> Duke University, Durham, North Carolina, U.S.A.
<i>Hadashot Arch</i>	<i>Hadashot Archaeologioth</i> [Archaeological Newsletter]. Department of Antiquities, Jerusalem, Israel.
<i>Haller Mb</i>	<i>Haller Münzblätter.</i> Tiroler Numismatischen Gesellschaft, Hall, Austria.
<i>HandelOudheidkunde Mechelen</i>	<i>Handelingen.</i> Koninklijke Kring voor Oudheidkunde, Letteren en Kunst van Mechelen, Malines, Belgium.
<i>Handes Amsorya</i>	<i>Handes Amsorya; Monatsschrift für Armenische Philologie.</i> Mechitarist Congregation, Vienna, Austria.
<i>HBN</i>	<i>Hamburger Beiträge zur Numismatik.</i> Verein der Münzenfreunde, Hamburg, Germany.
<i>Hekte</i>	<i>Hekte.</i> Journal of Aureus Investments Gallery, Toronto, Canada.
<i>Helinium</i>	<i>Helinium. Revue consacrée à l'Archéologie des Pays-Bas, de la Belgique et du Grand Duché de</i>

<i>HelvetArch</i>	<i>Luxembourg</i> . Wetteren, Belgium. <i>Helvetia Archaeologica</i> . Schweizerische Gesellschaft für Ur- und Frühgeschichte, Basel, Switzerland.
<i>Hémecht</i>	<i>Hémecht</i> . Zeitschrift für Luxemburger Geschichte. Luxembourg.
<i>Herold</i>	<i>Der Herold</i> . Vierteljahrsschrift für Heraldik, Genealogie und Verwandte Wissenschaften. Verein für Heraldik, Genealogie und verwandte Wissenschaften, Berlin, Germany.
<i>Hertfordshire Arch</i>	<i>Hertfordshire Archaeology</i> . Hertford, England.
<i>Hesperia</i>	<i>Hesperia</i> . Journal of the American School of Classical Studies at Athens. Princeton, New Jersey, U.S.A.
<i>Hespéris Tamuda</i>	<i>Hespéris Tamuda</i> . Centre Universitaire de la Recherche Scientifique, Faculté des Lettres, Rabat, Morocco.
<i>hikuin</i>	<i>hikuin</i> . Moesgård, Denmark.
<i>HispAmerHistRev</i>	<i>Hispanic American Historical Review</i> . Duke University, Durham, North Carolina, U.S.A.
<i>HistJSam</i>	<i>Historie</i> . Jyske Samlinger. Jysk Selskab for Historie, Aarhus, Denmark.
<i>HistJUBirmingham</i>	<i>Historical Journal</i> . University of Birmingham, Birmingham, England.
<i>Historia</i>	<i>Historia</i> . Franz Steiner Verlag GmbH, Wiesbaden, Germany.
<i>Historica</i>	<i>Historica</i> . Craiova, Romania.
<i>HistTidskr</i>	<i>Historisk Tidskrift</i> . Danske Historiske Forening, Copenhagen, Denmark.
<i>HistTidskrFin</i>	<i>Historisk Tidskrift för Finland</i> . Historiska foreningen, Helsinki, Finland.
<i>HistToday</i>	<i>History Today</i> . London, England.
<i>HKZM</i>	<i>Handelingen der Koninklijke Zuidnederlandse Maatschappij voor Taalen Leeterkunde en Geschiedenis</i> . Netherlands.
<i>HMZ</i>	<i>Helvetische Münzen-Zeitung</i> . Hilterfingen, Switzerland.
<i>Hogaku Kenkyu</i>	<i>Hogaku Kenkyu</i> [Journal of Law, Politics and Society]. Hogaku-Kenkyu-Kai [Association for the Study of Law and Politics]. Keio University, Faculty of Law, Tokyo, Japan.
<i>Huelva Arqueológica</i>	<i>Huelva Arqueológica</i>
<i>IAI</i>	<i>Izvestiia na Arkheologicheskii Institut (Bulletin de l'Institut d'Archéologie)</i> . Sofia, Bulgaria.

<i>Ialomița</i>	<i>Ialomița</i> . Comitetul de Cultură și Educație Socialistă al Județului Ialomița, Slobozia, Romania.
<i>IBNS</i>	<i>International Bank Note Society. Journal</i> . Racine, Wisconsin, U.S.A. Formerly <i>International Bank Note Society. Quarterly Magazine</i> . Dovercourt, England.
<i>ICSN</i>	<i>Indian Coin Society Newsletter</i> , Bombay, India.
<i>IEJ</i>	<i>Israel Exploration Journal</i> . Israel Exploration Society; Department of Archaeology, Hebrew University; Department of Antiquities, Ministry of Education and Culture, Jerusalem, Israel.
<i>IFEN</i>	<i>Internation Far-Eastern Numismatics News</i> . Ivan Florine, PO Box 75, B-1630 Linkebeek, Belgium.
<i>IltKul'tNarodUzbek</i>	<i>Iz Istarii Kul'tury Narodov Uzbekistana</i> . Akademiia Nauk Uzbekskoi SSR, Institut Istarii i Arkheologii, Tashkent, Uzbekistan.
<i>Image Roche</i>	<i>Image Roche</i> . Basel, Switzerland.
<i>IMJ</i>	<i>Israel Museum Journal</i> . Jerusalem, Israel.
<i>IN</i>	<i>Italia Numismatica</i> . Mantua, Italy.
<i>INC</i>	<i>Indian Numismatic Chronicle</i> . Bihar Research Society, Patna, India.
<i>Indian Ant</i>	<i>Indian Antiquary. A Journal of Oriental Research in Archaeology, Epigraphy, Ethnology, Geography, History, Folklore, Languages, Literature, Numismatics, Philosophy and Religion</i> . Bombay, India.
<i>Indian EconSocHistRev</i>	<i>Indian Economic and Social History Review</i> . Delhi, India.
<i>Indian HistQ</i>	<i>Indian Historical Quarterly</i> . Calcutta, India.
<i>Indian MusBull</i>	<i>Indian Museum Bulletin</i> . Indian Museum, Calcutta, India.
<i>InfNum</i>	<i>L'Information Numismatique</i> . Société Numismatique de Paris et sa Région, Villiers-sur-Marne, France.
<i>INJ</i>	<i>Israel Numismatic Journal</i> . Israel Numismatic Society, Tel Aviv, Israel.
<i>Iparművészeti Múzeum</i>	<i>Iparművészeti Múzeum Évkönyve</i> . Magyar Nemzeti Múzeum, Iparművészeti Múzeum, Budapest, Hungary.
<i>IPMS</i>	<i>International Primitive Money Society Newsletter</i> . Ocala, Florida, U.S.A.
<i>Iran</i>	<i>Iran. Journal of the British Institute of Persian Studies</i> . London, England.

<i>Iranica Ant</i>	<i>Iranica Antiqua</i> . Leiden, Netherlands.
<i>Irish Num</i>	<i>Irish Numismatics</i> . Dublin, Ireland.
<i>Islah</i>	<i>Islah</i> [Reform]. Kabul, Afghanistan.
<i>Islam</i>	<i>Der Islam</i> . Zeitschrift für Geschichte und Kultur des Islamischen Orients. Berlin, Germany.
<i>Istanbul ArkMüz Yilligi</i>	<i>Istanbul Arkeologi Müzeleri Yilligi</i> [Annual of the Archaeological Museum of Istanbul]. Istanbul, Turkey.
<i>Istros</i>	<i>Istros</i> . Buletinul Muzeului Brailei. Braila, Romania.
<i>Iura</i>	<i>Iura</i> . Jovene, Naples, Italy.
<i>IzBalgMuz</i>	<i>Izvestiia na Balgarskite Muzei</i> . Komitet za Iskustvo i Kultura, Sofia, Bulgaria.
<i>IzBID</i>	<i>Izvestiia na B'lgarskoto Istoricheskoto Drugestvo</i> [Bulletin de la Société Historique Bulgare]. Sofia, Bulgaria.
<i>IzMuzVeliko Trnovo</i>	<i>Izvestiia na Muzeia</i> . Trnovo, Bulgaria.
<i>IzNarodMuzRoussé</i>	<i>Izvestiia na Narodniia Muzei</i> . Roussé, Bulgaria.
<i>IzNarodMuzŠumen</i>	<i>Izvestiia</i> . Narodni Muzeia Šumen, Bulgaria.
<i>IzNarodMuzVarna</i>	<i>Izvestiia na Narodniia Muzei</i> . Varna, Bulgaria.
<i>IzvOtdelObshchestNaukAN Tadz</i>	<i>Izvestiia Otdeleniia Obshchestvennykh Nauk</i> . Akademiia Nauk, Tadzhikskoi SSR, Stalinabad, Tadzhikistan.
<i>JAGW</i>	<i>Jahrbuch Arbeitskreis Geldscheine Wertpapiere</i> . Berlin, Germany.
<i>Jahakir</i>	<i>Jahakir</i> . [Journal of the Students of N. Pálančean College]. Beirut, Lebanon.
<i>JAIIH</i>	<i>Journal of Ancient Indian History</i> . University of Calcutta, Department of Ancient Indian History and Culture, Calcutta, India.
<i>JAINS</i>	<i>Journal of Academy of Indian Numismatics and Sigillography</i> . Indore, India.
<i>Janaser</i>	<i>Janaser</i> [Armenian Evangelical Union]. Beirut, Lebanon.
<i>JAndrhaHistResSoc</i>	<i>Journal of the Andhra Historical Research Society</i> . Rajahmundry, India.
<i>JAOS</i>	<i>Journal of the American Oriental Society</i> . Baltimore, Maryland, U.S.A.
<i>JARCE</i>	<i>Journal of the American Research Center in Egypt</i> . American Research Center, Cairo, Egypt.
<i>JAS(Bengal)</i>	See <i>JAS(Calcutta)</i> .
<i>JAS(Calcutta)</i>	<i>Journal of the Asiatic Society</i> . Calcutta, India.
<i>JAsian Hist</i>	<i>Journal of Asian History</i> . Wiesbaden, Germany.
<i>JBAA</i>	<i>Journal of the British Archaeological Association</i> .

	Department of British and Mediaeval Antiquities, British Museum, London, England.
<i>JbBernHistMus</i>	<i>Jahrbuch des Bernischen Historischen Museums.</i> Bern, Switzerland.
<i>JbBischöfGymnasKolleg Petrinum</i>	<i>Jahresbericht des Bischöflichen Gymnasiums und Diözesanseminars am Kollegium Petrinum in Urfar.</i> Linz, Austria.
<i>JbCoburgLandest</i>	<i>Jahrbuch der Coburger Landesstiftung.</i> Coburg, Germany.
<i>JbKMusSchonKunstAntwerp</i>	<i>Jaarboek van het Koninklijk Museum voor Schone Kunsten Antwerpen.</i> Antwerp, Belgium.
<i>JbKunsthistSammlWien</i>	<i>Jahrbuch der Kunsthistorischen Sammlungen.</i> Vienna, Austria.
<i>JbRechnungHistMus Basel</i>	<i>Jahresberichte und Rechnungen.</i> Historisches Museum, Basel, Switzerland.
<i>JBS</i>	<i>Journal of Baltic Studies.</i> Association for the Advancement of Baltic Studies, Brooklyn, New York, U.S.A.
<i>JbStKunstsammlDresden</i>	<i>Jahrbuch der Staatlichen Kunstsammlungen Dresden.</i> Dresden, Germany.
<i>JCCCN</i>	<i>Japanese Cash Collector's Club Newsletter.</i>
<i>JChesterArchSoc</i>	<i>Journal of the Chester Archaeological Society.</i> Architectural, Archaeological and Historic Society for the County and the City of Chester and North Wales, Chester, England.
<i>JdAI</i>	<i>Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, Germany.
<i>JEAN</i>	<i>Journal of East Asian Numismatics.</i> P.O. Box 9310, Niskayuna, New York, U.S.A.
<i>JEGMP</i>	<i>Jaarboek van het Europees Genootschap voor Munten Penningkunde.</i> Brussels, Belgium.
<i>JEListeFPL</i>	<i>Jean Elsen Liste [Fixed Price List].</i> Brussels, Belgium.
<i>JESHO</i>	<i>Journal of the Economic and Social History of the Orient.</i> Leiden, Netherlands.
<i>JEthiopStud</i>	<i>Journal of Ethiopian Studies.</i> Addis Ababa, Ethiopia.
<i>JHS</i>	<i>Journal of Hellenic Studies.</i> Society for the Promotion of Hellenic Studies, London, England.
<i>JIAN</i>	<i>Journal International d'Archéologie Numis- matique.</i> Athens, Greece.
<i>JIN</i>	<i>Journal of Israel Numismatics. The Independent Publication for the Collector.</i> International Israel Numismatic Society, New York, New York,

	U.S.A.
<i>JIndian Hist</i>	<i>Journal of Indian History.</i> University of Kerala, Trivandrum, India.
<i>JIntNum</i>	<i>Journal of International Numismatics.</i> Organization of International Numismatists, Bellaire, Texas, U.S.A.
<i>JModAfrStud</i>	<i>Journal of Modern Africa Studies.</i> London, England.
<i>JMünzGeldThüringens</i>	<i>Jahrbuch des Arbeitskreises Münz und Geldgeschichte Thüringens.</i> Gera, Germany.
<i>JMV</i>	<i>Jahresschrift für Mitteldeutsche Vorgeschichte.</i> Halle an der Saale, Germany.
<i>JNAAus</i>	<i>Journal of the Numismatic Association of Australia.</i> Melbourne, Australia.
<i>JNG</i>	<i>Jahrbuch für Numismatik und Geldgeschichte.</i> Bayerischen Numismatischen Gesellschaft, Kallmünz über Regensburg, Germany.
<i>JNorthMusArtG</i>	<i>Journal of the Northampton Museum and Art Gallery.</i> Northampton, England.
<i>JNSI</i>	<i>Journal of the Numismatic Society of India.</i> Banaras Hindu University, Varanasi, India.
<i>JNSMP</i>	<i>Journal of the Numismatic Society of Madhya Pradesh.</i> Indore, India.
<i>Jósa András Múzeum Évkönyve</i>	<i>A Jósa András Múzeum Évkönyve.</i> Nyíregyháza, Hungary.
<i>JRA</i>	<i>Journal of Roman Archaeology.</i> Portsmouth, Rhode Island, U.S.A.
<i>JRAS</i>	<i>Journal of the Royal Asiatic Society of Great Britain and Ireland.</i> London, England.
<i>JRAS(Bombay)</i>	<i>Journal of the Bombay Branch of the Royal Asiatic Society.</i> Bombay, India.
<i>JRNS</i>	<i>Journal of the Russian Numismatic Society.</i> Alexandria, Virginia, U.S.A.
<i>JRS</i>	<i>Journal of Roman Studies.</i> Society for the Promotion of Roman Studies, London, England.
<i>JRSAI</i>	<i>Journal of the Royal Society of Antiquaries of Ireland.</i> Dublin, Ireland.
<i>JSav</i>	<i>Journal des Savants.</i> Académie des Inscriptions et Belles-Lettres, Paris, France.
<i>JTS</i>	<i>Journal of Turkish Studies.</i> Harvard University, Cambridge, Massachusetts, U.S.A.
<i>Kadmos</i>	<i>Kadmos. Zeitschrift für Vor- und Frühgriechische Epigraphik.</i> Berlin, Germany.
<i>Karthago</i>	<i>Karthago. Revue d'archéologie africaine.</i> Institut

	d'art et d'archéologie, Paris, France.
<i>Klio</i>	<i>Klio. Beiträge zur alten Geschichte.</i> Deutsche Akademie der Wissenschaften zu Berlin, Institut für griechisch-römische Altertumskunde, Berlin, Germany.
<i>KölnJbVorFrühGesch</i>	<i>Kölner Jahrbuch für Vor- und Frühgeschichte.</i> Römisch-Germanischen Museum, Cologne; Archäologische Gesellschaft zu Berlin, Berlin, Germany.
<i>Komárom MegMusKöz</i>	<i>Komárom Megyei Múzeumok Közleménye.</i> Tata, Hungary.
<i>KomMazurWarmin</i>	<i>Komunikaty Mazursko-Warmińskie.</i> Stacja Naukowa Polskiego Towarzystwa Historycznego (Instytut Mazurski), Olsztyn, Poland.
<i>KosZesMuz</i>	<i>Koszalińskie Zeszyty Muzealne.</i> Museum Okręgowe w Koszalinie, Koszalin, Poland.
<i>KratSoobInstArkan SSSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Rossiiskoi Akademii Nauk.</i> Moscow, Russia.
<i>Kulturen</i>	<i>Kulturen. Årsbok till medlemmerna av kulturhistoriska förening för södra Sverige.</i> Lund, Sweden.
<i>KwartHistKultMater</i>	<i>Kwartalnik Historii Kultury Materialnej.</i> Polska Akademia Nauk. Instytut Historii Kultury Materialnej, Warsaw, Poland.
<i>Kwart Opolski</i>	<i>Kwartalnik Opolski.</i> Opolski Towarzystwo Przyjaciół Nauk, Opole, Poland.
<i>Lancia</i>	<i>Lancia.</i> León, Spain.
<i>Latomus</i>	<i>Latomus. Revue d'Études Latines.</i> Brussels, Belgium.
<i>Leiegouw</i>	<i>Verslagen en Meddelingen van de Leiegouw.</i> Vereniging voor de Studie van de Lokalbeschiedenis, Taal en Folklore in het Kortrijkse, Courtrai, Belgium.
<i>Levéltári Közlem</i>	<i>Levéltári Közleményei.</i> Budapest, Hungary.
<i>LibAnn</i>	<i>Liber Annuus.</i> Studium Biblicum Franciscanum, Jerusalem, Israel.
<i>Libya Ant</i>	<i>Libya Antiqua.</i> République Arabe Libyenne, Department of Antiquities, Tripoli, Libya.
<i>Lietuvos MokAkadDarbai</i>	<i>Lietuvos TSR Mokslu Akademijos Darbai.</i> Vilnius, Lithuania.
<i>Limburg</i>	<i>Limburg.</i> Federatie der Geschieden Oudheidkundige Kringen van Limburg, Belgium.
<i>Lincolnshire HistArch</i>	<i>Lincolnshire History and Archaeology.</i> Lincoln, England.

<i>Listy Fil</i>	<i>Listy Filologicke</i> . Prague, Czech Republic.
<i>LNV</i>	<i>Litterae Numismatica Vindobonenses</i> . Vienna, Austria.
<i>Łódzki Num</i>	<i>Łódzki Numizmatyk</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział w Łodzi, Sekcja Numizmatyczna im. Kazimierza Strongczyńskiego, Łódź, Poland.
<i>LradHasarakakan Gitut'yun</i>	<i>Lraber Hasarakakan Gitut'yuneri</i> . Akademiia Nauk Armianskoi SSR, Erevan, Armenia.
<i>MAAR</i>	<i>Memoirs of the American Academy in Rome</i> . Rome, Italy.
<i>MadrMitt</i>	See <i>MDAI(M)</i> .
<i>MagIstor</i>	<i>Magazin Istoric</i> . Bucharest, Romania.
<i>Magyar NumTárÉv</i>	<i>A. Magyar Numizmatikai Társulat Évkönyve</i> . Budapest, Hungary.
<i>Majallat al-aqlam</i>	<i>Majallat al-aqlam</i> . Ministry of Culture and Information, Baghdad, Iraq.
<i>Majallat al-kitab</i>	<i>Majallat al-kitab</i> . Jamciyyat al Mu'allijan wa-l-Kuttab al-'Iraqiyyin [Association of Iraqi Editors and Authors], Baghdad, Iraq.
<i>Mariner's Mirror</i>	<i>Mariner's Mirror</i> . Society for Nautical Research, London, England.
<i>Marisia</i>	<i>Marisia. Studii și Materiale. Arheologice, Istorie, Etnografie</i> . Comitetul de Cultură și Educație Socialistă al Județului Mureș, Muzeul Județean Mureș, Târgu Mureș, Romania.
<i>Marmatia</i>	<i>Marmatia</i> . Muzeul Județean Maramureș, Baia Mare, Romania.
<i>al-Maskukat</i>	<i>al-Maskukat</i> . Directorate General of Antiquities, Baghdad, Iraq.
<i>MASP</i>	<i>Materialy po Arkheologii Severnogo Prichernomor'ia</i> . Odesskii Gosudarstvennyi Arkheologicheskii Muzeia, Odessa, Ukraine.
<i>Materiale</i>	<i>Materiale și Cercetări Arheologice</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>Materialy Arch</i>	<i>Materialy Archeologiczne</i> . Muzeum Archeologiczne, Kraków, Poland.
<i>MatIstMuzBucurești</i>	<i>Materiale de Istorie și Muzeografie</i> . Muzeul de Istorie a Orasului București, Bucharest, Romania.
<i>MatKul'iTadzh</i>	<i>Material'naia Kul'tura Tadzhikistana</i> . Akademiia Nauk Tadzhikskoi SSR, Institut Istории, Dushanbe, Tadzhikistan.

<i>Matsne</i>	<i>Matsne [Vestnik].</i> Akademiia Nauk Gruzinskoi SSR, Otdelenie Obshchestvennykh Nauk, Tiflis, Georgia.
<i>MatTurc</i>	<i>Materiali Turcica.</i> Studienverlag Dr. N. Brockmeyer, Bochum, Germany.
<i>MatZachodnio-Pomorskie</i>	<i>Materialy Zachodnio-Pomorskie.</i> Muzeum Pomorza Zachodniego, Szczecin, Poland.
<i>MBAS(Calcutta)</i>	<i>Monthly Bulletin of the Asiatic Society.</i> Calcutta, India.
<i>MC</i>	<i>Medal Collector. Official Publication of the Orders and Medals Society of America.</i> Fort Montgomery, New York, U.S.A.
<i>MDAI(A)</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung.</i> Berlin, Germany.
<i>MDAI(I)</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Istanbul Abteilung.</i> Tübingen, Germany.
<i>MDAI(M)</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Madrider Abteilung.</i> Heidelberg, Germany.
<i>Medaglia</i>	<i>Medaglia.</i> Milan, Italy
<i>Médailles</i>	<i>Médailles.</i> Fédération Internationale de la Médaille, Milan, Italy.
<i>The Medal</i>	<i>The Medal.</i> British Medal Society, England.
<i>MeddelLundUHistMus</i>	<i>Meddelanden från Lunds Universitets Historiska Museum.</i> Lund, Sweden.
<i>MedFal</i>	<i>Medalierstwo i Falerystyka.</i> Warsaw, Poland.
<i>Medieval Arch</i>	<i>Medieval Archaeology; Journal of the Society for Medieval Archaeology.</i> London, England.
<i>MedSculp</i>	<i>Medallic Sculpture.</i> American Medallic Sculpture Association, New York, New York, U.S.A.
<i>MEFRA</i>	<i>Mélanges de l'École française de Rome. Antiquité.</i> Rome, Italy.
<i>MEFRM</i>	<i>Mélanges de l'École française de Rome. Moyen Age, Temps Modernes.</i> Rome, Italy.
<i>MemAcadMexEstudNum</i>	<i>Memorias de la Academia Mexicana de Estudios Numismáticos.</i> Mexico, D.F., Mexico.
<i>MemAntiq</i>	<i>Memoria Antiquitatis. Acta Musei Petrodavensis.</i> Muzeul Arheologic, Piatra Neamț, Romania.
<i>MemRendAccadZel Acireale</i>	<i>Memorie e Rendiconti dell'Accademia de Scienze, Lettere e Belle Arti degli Zelanti e dei Dafnici di Acireale.</i> Acireale, Italy.
<i>MémSocAntPicardie</i>	<i>Mémoires de la Société des Antiquaires de Picardie.</i> Amiens, France.

<i>Mesopotamia</i>	<i>Mesopotamia</i> . Turin, Italy.
<i>MéthodPhysAnal</i>	<i>Méthodes Physiques d'Analyse</i> . <i>Revue de Groupement pour l'Avancement des Méthodes Spectrographiques</i> . Paris, France.
<i>MikrochimActa</i>	<i>Mikrochimica Acta</i> . Vienna, Austria.
<i>MitaliMed</i>	<i>Mitali Medaljen</i> . Finnish Art Medal Society. Helsinki, Finland.
<i>MitropOlteniei</i>	<i>Mitropolia Olteniei</i> . Craiova, Romania.
<i>MittNürnberg</i>	<i>Mitteilungen des Vereins für Geschichte der Stadt Nürnberg</i> . Nuremberg, Germany.
<i>MMusLauriacum</i>	<i>Mitteilungen</i> . Museumsverein "Lauriacum" Enns Oberösterreich, Enns, Austria.
<i>MNZ</i>	<i>Münsterische Numismatische Zeitung</i> . Münzgalerie München GmbH & Co. KG, Stiglmaierplatz 2, D-8000 Munich 2, Germany.
<i>Moeda</i>	<i>Moeda</i> . Lisbon, Portugal.
<i>MÖNG</i>	<i>Mitteilungen der Österreichischen Numismatischen Gesellschaft</i> . Vienna, Austria.
<i>MoJNum</i>	<i>Missouri Journal of Numismatics</i> . Missouri Numismatic Society, St. Louis, Missouri, U.S.A.
<i>Møntårbogen</i>	<i>Møntårbogen</i> . Gentofte, Denmark.
<i>Møntsamlernyt</i>	<i>Møntsamlernyt</i> . Copenhagen, Denmark.
<i>Monedas</i>	<i>Monedas</i> . Sociedad Numismática de Puebla, Mexico.
<i>Money Trend</i>	<i>Money Trend</i> . Vaduz, Lichtenstein.
<i>Monmouthshire Ant</i>	<i>The Monmouthshire Antiquary</i> . <i>Proceedings of the Monmouthshire and Caerleon Antiquarian Society</i> . Newport, Wales.
<i>Móra Ferenc Múzeum</i>	<i>Móra Ferenc Múzeum Évkönyve</i> . Szeged, Hungary.
<i>Moravské NumZprávy</i>	<i>Moravské Numismatické Zprávy</i> . Moravské Museum, Brno, Czech Republic.
<i>Mousaios</i>	<i>Mousaios</i> . <i>Studii și Comunicări</i> . <i>Arheologie-Istorie</i> . Comitetul Județean de Cultura și Educație Socialista, Muzeul Județean Buzau, Romania.
<i>Mowia Wieki</i>	<i>Mowia Wieki</i> . <i>Magazyn Historyczny</i> . Warsaw, Poland.
<i>MR</i>	<i>Münzen Revue</i> . Basel, Switzerland.
<i>Müemlékvédelem</i>	<i>Müemlékvédelem</i> . Aufsichtsbehörde des Landesdenkmalamtes, Budapest, Hungary.
<i>Münstersche NZ</i>	See MNZ.
<i>MűvésErtes</i>	<i>Művészettörténeti Ertesítő</i> [History Gazette]. Budapest, Hungary.
<i>Művészeti</i>	<i>Művészeti</i> . Budapest, Hungary.

<i>Muse</i>	<i>Muse. Annual of the Museum of Art and Archaeology, University of Missouri.</i> Columbia, Missouri, U.S.A.
<i>Musée Neuchâtelois</i>	<i>Musée Neuchâtelois.</i> Colombier, Switzerland.
<i>Muséon</i>	<i>Le Muséon.</i> Association "Le Muséon," Louvain, Belgium.
<i>Museos</i>	<i>Museos.</i> Madrid, Spain.
<i>Museum</i>	<i>Museum.</i> Tokyo National Museum, Tokyo, Japan.
<i>MuzHa'aretzBull</i>	<i>Museum Ha'aretz, Tel Aviv, Bulletin.</i> Ramat Aviv, Tel Aviv, Israel.
<i>MuzNař</i>	<i>Muzeul Nařional.</i> Academia de Științe Sociale și Politice, Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>MuzPamKult</i>	<i>Muzei i Pametnizi na Kulturata.</i> Komitet za Izkustvo i Kultura, Sofia, Bulgaria.
<i>MuzPitești</i>	<i>Muzeul din Pitești. Studii și Comunicări. Istorie-Științele Naturii.</i> Pitești, Romania.
<i>MuzVlastivědná Práce</i>	<i>Muzejni a Vlastivědná Práce.</i> Národní Muzeum, Prague, Czech Republic.
<i>Myntkontakt</i>	<i>Myntkontakt. Svenska Numismatiska Föreningens Tidskrift.</i> Stockholm, Sweden.
<i>Nagano</i>	<i>Nagano.</i> Japan.
<i>NarodAziiAfriki</i>	<i>Narody Azii i Afriki. Istoriia, Ekonomika, Kul'tura.</i> Akademiia Nauk SSSR, Institut Narodov Azii, Institut Afriki, Moscow, Russia.
<i>Nasa Rodina</i>	<i>Nasa Rodina [Our Homeland].</i> Sofia, Bulgaria.
<i>NatA</i>	<i>Nationalmuseets Arbeidsmark.</i> Copenhagen, Denmark.
<i>NC</i>	<i>Numismatic Chronicle.</i> Royal Numismatic Society, London, England.
<i>NCirc</i>	<i>Numismatic Circular.</i> Spink and Son, Ltd., London, England.
<i>NCour</i>	<i>Numismatic Courier.</i> Toronto, Canada.
<i>NE</i>	<i>Numizmatika i Epigrafika.</i> Rossiiskaia Akademiia Nauk, Institut Arkheologii, Moscow, Russia.
<i>NGQ</i>	<i>Numismatic Gazette Quarterly.</i> Newcastle-upon-Tyne, England.
<i>NI</i>	<i>Numismatics International.</i> Dallas, Texas, U.S.A.
<i>NipponKKKN</i>	<i>Nippon Kunsho Kenkyu-kai Newsletter.</i> Bakersfield, California, U.S.A.
<i>Nippon Rekishi</i>	<i>Nippon Rekishi [Japanese History]. Nippon Rekishi Gakkai [Japanese Historical Institution],</i> Tokyo, Japan.
<i>NK</i>	<i>Numizmatikai Közlöny.</i> Magyar Numizmatikai

	Társulat, Budapest, Hungary.
NL	<i>Numismatic Literature</i> . New York, New York, U.S.A.
NListy	<i>Numismatické Listy</i> . Národní Muzeum a Numismatická Společnost Československá, Prague, Czech Republic.
NLR	<i>Numismatic Literature Review</i> . Remy Bourne, 509 40th Avenue NE, Minneapolis, Minnesota 55421-3834, U.S.A.
NM	<i>Numismatiska Meddelanden</i> . Svenska Numismatiska Föreningen, Stockholm, Sweden.
NMessenger	<i>The Numismatic Messenger</i> . Pacific Palisades, California, U.S.A.
NN	<i>Numismatic News Weekly</i> . Iola, Wisconsin, U.S.A.
NNÅ	<i>Nordisk Numismatisk Årsskrift</i> . <i>Scandinavian Numismatic Journal</i> . Scandinavian Numismatic Union, Lund, Sweden.
NNb	<i>Numismatisches Nachrichtenblatt</i> . Organ des Verbandes der Deutschen Münzvereine e.V. Speyer, Germany.
NNF-Nytt	<i>NNF-Nytt</i> . <i>Meddelelser fra Norsk Numismatisk Forening</i> . Journal of the Norwegian Numismatic Society, Oslo, Norway.
NNM	<i>Numismatic Notes and Monographs</i> . American Numismatic Society, New York, New York, U.S.A.
NNUM	<i>Nordisk Numismatisk Unions Medlemsblad</i> . Copenhagen, Denmark.
Nomisma	<i>Nomisma</i> . Association des Cheminots Numismats, Paris, France.
NomKhron	<i>Nomismatika Khronika</i> . Hellenic Numismatic Society, Athens, Greece.
NorArchRev	<i>Norwegian Archaeological Review</i> . Norsk Arkeologisk Kommissjon, Oslo, Norway.
Norfolk Arch	<i>Norfolk Archaeology</i> . Norfolk and Norwich Archaeological Society, Norwich, England.
North Staffordshire JField Stud	<i>North Staffordshire Journal of Field Studies</i> . University College of North Staffordshire, Keele, England.
NotChioistroMonMagg	<i>Notizie dal Chioistro del Monastero Maggiore</i> . Civico Museo Archeologico/Civico Gabinetto Numismatico, Milan, Italy.
NPlockie	<i>Notatki Plockie</i> . Towarzystwo Naukowe Plockie, Plock, Poland.

<i>NRCG</i>	<i>Numismatic Review and Coin Galleries Fixed Price List.</i> Coin Galleries, New York, New York, U.S.A.
<i>NRCyprus</i>	<i>Numismatic Report.</i> Cyprus Numismatic Society, Larnaca, Cyprus.
<i>NS</i>	<i>Numismatic Studies.</i> American Numismatic Society, New York, New York, U.S.A.
<i>NScavAnt</i>	<i>Notizie degli Scavi di Antichità.</i> Accademia Nazionale dei Lincei, Rome, Italy.
<i>NS(Czech)</i>	<i>Numismatický Sborník.</i> Československá Akademie Věd, Historický Ústav, Numismatická Komise, Prague, Czech Republic.
<i>NSM</i>	<i>Numismatic Scrapbook Magazine.</i> Sidney, Ohio, U.S.A.
<i>NSR</i>	<i>Sculpture Review.</i> National Sculpture Society, New York, New York, U.S.A. Formerly <i>National Sculpture Review.</i>
<i>NS(USSR)</i>	<i>Numizmaticheskii Sbornik. Materialy k katalogu numizmaticheskogo sobraniia Gosudarstvennyi Istoricheskii Muzei.</i> Moscow, Russia.
<i>Num</i>	<i>Numismatist. Official Publication of the American Numismatic Association.</i> Colorado Springs, Colorado, U.S.A.
<i>NumAntClas</i>	<i>Quaderni Ticinesi. Numismatica e Antichità Classiche.</i> Gli Amici dei Quaderni Ticinesi di Numismatica e Antichità Classiche, Lugano, Switzerland.
<i>NumChange</i>	<i>Numismatique et Change.</i> Louppy-sur-Cher, Bar-le-Duc, France.
<i>NumDigest</i>	<i>Numismatic Digest.</i> Numismatic Society of Bombay, Bombay, India.
<i>NumHisp</i>	<i>Numario Hispánico.</i> Superior de Investigaciones Científicas, Museo Arqueológico Nacional y Asociación Numismática Española, Madrid/Barcelona, Spain.
<i>Numisma</i>	<i>Numisma.</i> Madrid, Spain.
<i>Numismaatikko</i>	<i>Numismaatikko.</i> Suomen Numismaatikkoliitto r. y:n julkaisu, Helsinki, Finland.
<i>Numisma(Austral)</i>	<i>Numisma. An Occasional Numismatic Magazine.</i> Melbourne, Australia.
<i>Numismatica</i>	<i>Numismatica. Periodico di Cultura e di Informazione Numismatica.</i> Rome, Italy.
<i>Numismática(Brazil)</i>	<i>Numismática.</i> Rio de Janeiro, Brazil.
<i>NumIsrael</i>	<i>Numismatics in Israel.</i> Elat, Israel.

<i>Numizmatičar</i>	<i>Numizmatičar</i> . National Museum, Belgrade, Yugoslavia, and the Serbian Numismatic Society.
<i>Numizmatika</i>	<i>Numizmatika</i> [Union of Philatelists in Bulgaria]. Sofia, Bulgaria.
<i>NumMoravica</i>	<i>Numismatica Moravica</i> . Moravské Muzeum, Brno, Czech Republic.
<i>Nummus</i>	<i>Nummus</i> . Oporto, Portugal.
<i>NumRapp</i>	<i>Numismatisk Rapport</i> . Meddelelser fra dansk numismatisk forening. Copenhagen, Denmark.
<i>NumSfrag</i>	<i>Numizmatika i Sfragistika</i> . Akademiia Nauk Ukrainskoi SSR, Institut Arkheologii, Kiev, Ukraine.
<i>NumStockholm</i>	<i>Numismatica Stockholmiensia</i> . Annual Reports and Acquisitions of the Royal Coin Cabinet, National Museum of Monetary History. Stockholm, Sweden.
<i>NV</i>	<i>Numismatike Vijesti</i> . Hrvatsko Numismatičko Društvo [Croatian Numismatic Society]. Zagreb, Croatia.
<i>NZ</i>	<i>Numismatische Zeitschrift</i> . Numismatische Gesellschaft, Vienna, Austria.
<i>NZN</i>	<i>Royal Numismatic Society of New Zealand Newsletter</i> . Wellington, New Zealand.
<i>NZNJ</i>	<i>New Zealand Numismatic Journal</i> . Proceedings of the Royal Numismatic Society of New Zealand. Wellington, New Zealand.
<i>ObshchestNaukUzbek</i>	<i>Obshchestvennye Nauki v Uzbekistane</i> . Akademiia Nauk Uzbekskoi SSR, Tashkent, Uzbekistan.
<i>Ogam</i>	<i>Ogam. Tradition Celtique</i> . Amis de la Tradition Celtique, Rennes, France.
<i>Okayama Shigaku</i>	<i>Okayama Shigaku</i> [Historical Science of Okayama]. Okayama Historical Science Society, Okayama University, Okayama, Japan.
<i>Oltenia</i>	<i>Oltenia. Studii și Comunicări. Istorie</i> . Muzeul Olteniei, Craiova, Romania.
<i>ONSN</i>	<i>Oriental Numismatic Society Newsletter</i> . Reading, England.
<i>OOAL</i>	<i>Out on a Limb</i> . Journal of the Money Tree, Rocky River, Ohio, U.S.A.
<i>OPCB</i>	<i>Occasional Papers on Chinese Banknotes</i> . Erwin Beyer, Am Ziegefeld 3, D-5482 Grafchaft-3, Germany.
<i>OpMus</i>	<i>Opuscula Musealia</i> . Muzeum Uniwersytetu Jagiellońskiego, Kraków, Poland.

<i>OpuscAthen</i>	<i>Opuscula Atheniensia. Skrifter Utgivna av Svenska Institutet i Athen—Acta Instituti Atheniensis Regni Sueciae.</i> Lund, Sweden.
<i>Ordenskunde</i>	<i>Ordenskunde. Beiträge zur Geschichte der Auszeichnungen.</i> International Gesellschaft für Wissenschaftliche Ordenskunde, Berlin, Germany.
<i>Oriens Antiquus</i>	<i>Oriens Antiquus.</i> Istituto per l'Oriente, Centro per l'Antichità e la Storia dell'arte del Vincino Oriente, Rome, Italy.
<i>OrientLovan</i>	<i>Orientalia Lovaniensia Periodica.</i> Instituut voor Oriëntalistiek, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>OrientSuecana</i>	<i>Orientalia Suecana.</i> Institutionen för semitiska språk, Uppsala, Sweden.
<i>Osječki Zbor</i> <i>OSNOP</i>	<i>Osječki Zbornik.</i> Musej Slavonije, Osijek, Croatia. <i>Oriental Numismatic Society Occasional Papers.</i> Reading, England.
<i>Otchłani Wieków</i>	<i>Z Otchłani Wieków.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>Oxoniensia</i>	<i>Oxoniensia.</i> Oxford Architectural and Historical Society, Oxford, England.
<i>PACT</i>	<i>PACT. Revue du groupe européen d'études pour les techniques physiques, chimiques et mathématiques appliquées à l'archéologie.</i> Strasbourg, France/Rixensart, Belgium.
<i>Padusa</i>	<i>Padusa. Bollettino del Centro Polesano di Studi Storici, Archeologici ed Etnografici.</i> Italy.
<i>Parchemin</i>	<i>Le Parchemin.</i> Office Généalogique et Héraldique de Belgique, Musées Royaux d'Arts et d'Histoire, Brussels, Belgium.
<i>Past and Present</i>	<i>Past and Present. A Journal of Historical Studies.</i> Past and Present Society, Oxford, England.
<i>Patma-Banasirakan Handes</i>	<i>Patma-Banasirakan Handes.</i> See <i>IstFilZhur-ANArmian.</i>
<i>Pays Gaumais</i>	<i>Le Pays Gaumais.</i> Le Musée Gaumais, Virton, Belgium.
<i>Peñzügyi Szemle</i>	<i>Peñzügyi Szemle</i> [Financial Review]. Budapest, Hungary.
<i>PEQ</i>	<i>Palestine Exploration Quarterly.</i> Palestine Exploration Fund, London, England.
<i>Peuce</i>	<i>Peuce.</i> Muzeul Delta Dunarii, Tulcea, Romania.
<i>Phoenix</i>	<i>Phoenix. Journal of the Classical Association of</i>

	<i>Canada.</i> Toronto, Canada.
<i>Picus</i>	<i>Picus.</i> Il Ponte, Canale di Montemerano, Rome, Italy.
<i>The Picus</i>	<i>The Picus.</i> Classical and Medieval Numismatic Society, Ontario, Canada.
<i>Plus Ultra</i>	<i>Plus Ultra.</i> Azteca Numismatic Society, Los Angeles, California, U.S.A.
<i>PM</i>	<i>Paper Money.</i> Official Publication of the Society of Paper Money Collectors. Dover, Delaware, U.S.A.
<i>PMatMuzArchEtno</i>	<i>Prace i Materiały Museum Archeologicznego i Etnograficznego w Łodzi.</i> Museum Archeologiczne Etnograficzne w Łodzi, Łódź, Poland.
<i>Pontica</i>	<i>Pontica.</i> Studii și Materiale de Istorie, Arheologie și Muzeografie. Muzeul de Arheologie, Constanța, Romania.
<i>Portugalia</i>	<i>Portugalia.</i> Inst. Arq. Universidad de Porto, Porto, Portugal.
<i>Post-Medieval Arch</i>	<i>Post-Medieval Archaeology.</i> Society for Post-Medieval Archaeology, London, England.
<i>PProcHampshire Field Club</i>	<i>Papers and Proceedings of the Hampshire Field Club and Archaeological Society.</i> Southampton, England.
<i>PracMat</i>	<i>Prace i Materiały Muzeum Archeologicznego i Etnograficznego w Łodzi.</i> Seria numizmatyczna i konserwatorska. The Archaeological and Ethnographical Museum, Łódź, Poland.
<i>Praktika</i>	<i>Praktika tes en Athenais Arkhaiologikes Harairias.</i> Archaeological Society, Athens, Greece.
<i>Pražský SborHist</i>	<i>Pražský Sborník Historický.</i> Prague, Czech Republic.
<i>Preistoria</i>	<i>Preistoria.</i> <i>Bullettino di Paletnologia Italiana.</i> Museo Nazionale Preistorico ed Etnografico "L. Pigorini," Rome, Italy.
<i>ProbVostok</i>	<i>Problemy Vostokovedeniia.</i> Institute Vostokovedeniia, Institut Kitaevdeniia, Moscow, Russia.
<i>ProcCambridge AntSoc</i>	<i>Proceedings of the Cambridge Antiquarian Society.</i> Cambridge, England.
<i>ProcCambridge PhilSoc</i>	<i>Proceedings of the Cambridge Philological Society.</i> Cambridge, England.
<i>ProcDevon ArchSoc</i>	<i>Proceedings of the Devon Archaeological Society.</i> Exeter, England.
<i>ProcDorset NaturHist</i>	<i>Proceedings of the Dorset Natural History and</i>

<i>ArchSoc</i>	<i>Archaeological Society.</i> Dorchester, England.
<i>ProcPrehistSoc</i>	<i>Proceedings of the Prehistoric Society.</i> London, England.
<i>ProcRoyal Irish Acad</i>	<i>Proceedings of the Royal Irish Academy.</i> Dublin, Ireland.
<i>ProcSocAntiqScotland</i>	<i>Proceedings of the Society of Antiquaries of Scotland.</i> Edinburgh, Scotland.
<i>ProcSomerset ArchNaturHist Soc</i>	<i>Proceedings of the Somerset Archaeology and Natural History Society.</i> Taunton, England.
<i>ProcSuffolk InstArch</i>	<i>Proceedings of the Suffolk Institute of Archaeology.</i> Ipswich, England.
<i>Przegląd Hist</i>	<i>Przegląd Historyczny.</i> Towarzystwo Miłośników Historii, Warsaw, Poland.
<i>PubHistInstLuxembourg</i>	<i>Publications de la Section Historique de l'Institut Grand-Ducal de Luxembourg.</i> Luxembourg.
<i>PW</i>	<i>Penny-Wise.</i> Early American Coppers, Inc., New York, New York, U.S.A.
<i>Pyrenae</i>	<i>Pyrenae.</i> Universidad de Barcelona, Instituto de Arqueología y Prehistoria, Barcelona, Spain.
<i>Qadmoniot</i>	<i>Qadmoniot.</i> Israel Exploration Society, Jerusalem, Israel.
<i>QAssocLigArchStorNav</i>	<i>Quaderni.</i> Associazione Ligure de Archeologia e Storia Navale, Genoa, Italy.
<i>QDAP</i>	<i>Quarterly of the Department of Antiquities in Palestine.</i> Jerusalem, Israel.
<i>QTicNumAntClas</i>	See <i>NumAntClas</i> .
<i>QuadEstudMed</i>	<i>Quaderns d'Estudis Medievals.</i> Barcelona, Spain.
<i>QuadMed</i>	<i>Quaderni Medievali.</i> Dedalo, Bari, Italy.
<i>RA</i>	<i>Rossiiskaia Arkheologiia.</i> Rossiiskaia Akademiia Nauk, Institut Arkheologii, Moscow, Russia.
<i>RANS</i>	<i>Report of the Australian Numismatic Society.</i> Sydney, Australia.
<i>RArchAntica Como</i>	<i>Rivista archeologica dell'antica provincia e diocesi di Como.</i> Como, Italy.
<i>RArchHistArtLouvain</i>	<i>Revue des Archéologues et Historiens d'Art de Louvain.</i> Louvain, Belgium.
<i>RBelArchHistArt</i>	<i>Revue belge d'Archéologie de d'Histoire de l'Art.</i> Académie royale d'Archéologie de Belgique, Musée Bellevue, Brussels, Belgium.
<i>RBN</i>	<i>Revue Belge de Numismatique et de Sigillographie.</i> Société Royale de Numismatique de Belgique, Brussels, Belgium.
<i>REA</i>	<i>Revue des Études Anciennes. Annales de la Faculté des Lettres de Bordeaux.</i> Bordeaux, France.

<i>Real de a 8</i>	<i>Real de a 8</i> . Club Numismático Tepeaca, Puebla, Mexico.
<i>RecBuckinghamshire</i>	<i>Records of Buckinghamshire</i> . Aylesbury, England.
<i>RechÉconLouvain</i>	<i>Recherches Économiques de Louvain</i> . Louvain, Belgium.
<i>REG</i>	<i>Revue des Études Grecques</i> . Association pour l'Encouragement des Études Grecques en France, Paris, France.
<i>Rekishi Kyoiku</i>	<i>Rekishi Kyoiku</i> [The Journal of Historical Education]. Nippon Shoin, Tokyo, Japan.
<i>RendPontAcc</i>	<i>Rendiconti della Pontificia Accademia Romana di Archeologia</i> . Rome, Italy.
<i>RepTransDevonshire</i>	<i>Report and Transactions</i> . Devonshire Association for the Advancement of Science, Literature and Art, Plymouth, England.
<i>RevAlteneoParaguay</i>	<i>Revista del Alteneo Paraguayo</i> . Asunción, Paraguay.
<i>RevArch</i>	<i>Revue Archéologique</i> . Paris, France.
<i>RevArchECE</i>	<i>Revue archéologique de l'Est et du Centre-Est</i> . Dijon, France.
<i>RevArchNarborn</i>	<i>Revue Archéologique de Narbonnaise</i> . Montpellier, France.
<i>RevArchPic</i>	<i>Revue archéologique de Picardie</i> . Société des Antiquités historiques de Picardie, Amiens, France.
<i>RevArchéom</i>	<i>Revue Archéométrie</i> . Rennes, France.
<i>RevArhiv</i>	<i>Revista Arhivelor</i> . Bucharest, Romania.
<i>RevBanque</i>	<i>Revue de la Banque</i> . Union Syndicale Professionnelle des Employés de Banque, Brussels, Belgium.
<i>RevBelgeHistMil</i>	<i>Revue Belge d'Histoire Militaire</i> . Les Amis du Musée Royal de l'Armée et d'Histoire Militaire, Brussels, Belgium.
<i>RevBelgePhilHist</i>	<i>Revue Belge de Philologie et d'Histoire</i> . Brussels, Belgium.
<i>RevÉtArmén</i>	<i>Revue des Études Arméniennes</i> . Société des Études Arméniennes, Paris, France.
<i>RevÉtSEEur</i>	<i>Revue des Études Sud-Est Européennes</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Studii Sud-Est Europene, Bucharest, Romania.
<i>RevInHistBanque</i>	<i>Revue Internationale d'Histoire de la Banque</i> . Geneva, Switzerland.
<i>RevMuz</i>	<i>Revista Muzeelor</i> . Consiliul Culturii și Educației

	Socialiste, Bucharest, Romania. See also <i>RevMuzMMon</i> .
<i>RevMuzMMon</i>	<i>Revista Muzeelor și Monumentelor, seria Monumente Istorice și Artă.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>RevMuzMMuz</i>	<i>Revista Muzeelor și Monumentelor, seria Muze.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>RevNord</i>	<i>Revue du Nord.</i> L'Université de Picardie et la Direction de l'Enseignement Supérieur, du Centre National de la Recherche Scientifique, du Conseil Régional, des Conseils Généraux du Nord et du Pas-de-Calais et de villes de Lille et Amiens, Lille, France.
<i>RevNumArg</i>	<i>Revista Numismática Argentina.</i> Asociación Numismática Argentina, Buenos Aires, Argentina.
<i>RevVivara</i>	<i>Revue du Vivarais.</i> Largentière, France.
<i>RHist</i>	<i>Revue Historique.</i> Paris, France.
<i>RHistDroit</i>	<i>Revue Historique de Droit Français et Étranger.</i> Paris, France.
<i>RiminiStorArtCult</i>	<i>Rimini Storia Arte e Cultura.</i> Rimini, Italy.
<i>RIN</i>	<i>Rivista Italiana di Numismatica e Scienze Affini.</i> Società Numismatica Italiana in Milano, Milan, Italy.
<i>RivStLiguri</i>	<i>Rivista di Studi Liguri.</i> Istituto Internazionale di Studi Liguri, Bordighera, Italy.
<i>RN</i>	<i>Revue Numismatique.</i> Société Française de Numismatique, Centre National de la Recherche Scientifique, Paris, France.
<i>RoczBialostocki</i>	<i>Rocznik Białostocki.</i> Muzeum w Białymstoku, Białystok, Poland.
<i>RoczHist</i>	<i>Roczniki Historyczne.</i> Poznańskie Towarzystwo Przyjaciół Nauk, Wydział Historii i Nauk Społecznych, Warsaw, Poznań, Poland.
<i>RoczJeleniogórski</i>	<i>Rocznik Jeleniogórski.</i> Towarzystwo Rozwoju Ziemi Zachodnich/Towarzystwo Przyjaciół Ziemi Jeleniogórskiej, Wrocław, Poland.
<i>RoczKrakowski</i>	<i>Rocznik Krakowski.</i> Towarzystwo Miłośników Historii i Zabytków, Kraków, Poland.
<i>RoczMuzNarodWarszawie</i>	<i>Rocznik Muzeum Narodowego w Warszawie.</i> Warsaw, Poland.
<i>RoczMuzŚwiet</i>	<i>Rocznik Muzeum Świętokrzyskiego.</i> Muzeum Świętokrzyskie w Kielcach, Kraków, Poland.

<i>RoczMuzToruniu</i>	<i>Rocznik Muzeum w Toruniu.</i> Toruń, Poland.
<i>RodopskiZbor</i>	<i>Rodopski Zbornik.</i> B'lgarska Akademiia na Naukite, Institut za Istorifa, Sofia, Bulgaria.
<i>RÖ</i>	<i>Römisches Österreich, Jahresschrift der österreichischen Gesellschaft für Archäologie.</i> Vienna, Austria.
<i>Romana Contact</i>	<i>Romana Contact.</i> Société d'Archéologie Romana, Ganshoren, Belgium.
<i>Romano-Barbarica</i>	<i>Romano-Barbarica.</i> Herder, Rome, Italy.
<i>RömQ</i>	<i>Römische Quartalschrift für christliche Altertumskunde und Kirchengeschichte.</i> Rome, Italy.
<i>RozČeskAkad</i>	<i>Rozpravy Československé Akademie Věd.</i> Prague, Czech Republic.
<i>RozNárodTechMuzPraze</i>	<i>Rozpravy Národního Technické ho Muzea v Praze.</i> Prague, Czech Republic.
<i>RRoumaineHist</i>	<i>Revue Roumaine d'Histoire.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>RRoumaineHistArt</i>	<i>Revue Roumaine d'Histoire de l'Art.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>RStorItal</i>	<i>Rivista Storica Italiana.</i> Edizioni scientifiche italiane, Naples, Italy.
<i>RStudFenici</i>	<i>Rivista di Studi Fenici.</i> Centro di Studi per la Civiltà Fenicia e Punica, Rome, Italy.
<i>RStudLiguri</i>	<i>Rivista di Studi Liguri.</i> Istituto Internazionale di Studi Liguri, Museo Bicknell, Bordighera, Italy.
<i>Saguntum</i>	<i>Saguntum.</i> Laboratorio de Arqueologia, Valencia, Spain.
<i>SAN</i>	<i>SAN. Journal of the Society for Ancient Numismatics.</i> Santa Monica, California, U.S.A.
<i>Sanct Olof</i>	<i>Sanct Olof. Julbok för de Åländske Församlingarna.</i> Mariehamn, Åland Island.
<i>Sargetia</i>	<i>Sargetia. Acta Musei Regionalis Devensis.</i> Muzeul Județean, Deva, Romania.
<i>SBF</i>	<i>Studii Biblici Franciscani—Liber Annus.</i> Jerusalem, Israel.
<i>SborArchPracf</i>	<i>Sbornik Archivnich Pracf.</i> Ministerstvo Vnitra, Prague, Czech Republic.
<i>SborNárodMuzPraze</i>	<i>Sbornik Národního Muzea v Praze (Acta Musei Nationalis Pragae), Series A-Historia.</i> Prague,

	Czech Republic.
<i>SborPracíFilosFakBrno</i>	<i>Sbornik Prací Filosofické Fakulty.</i> Filosofická Fakulta, Řada E, Archeologicko-Klasická, Universiteta J.E. Purkyně, Brno, Czech Republic.
<i>SborVlastPracPodblanicka</i>	<i>Sbornik Vlastivědných Prací z Podblanicka.</i> Vlastivědné Muzeum Podblanicka, Jemniště, Czech Republic.
<i>ScandEcHistRev</i>	<i>Scandinavian Economic History Review.</i> Scandinavian Society for Economic and Social History and Historical Geography, Stockholm, Sweden.
<i>SchildSteier</i>	<i>Schild von Steier. Beiträge zur Steierischen Vor- und Frühgeschichte und Münzkunde.</i> Steierischen Landesmuseum Joanneum, Graz, Austria.
<i>SCIA</i>	<i>Studii și Cercetări de Istoria Artei. Seria Arta Plastică.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>SCIVA</i>	<i>Studii și Cercetări de Istorie Veche și Arheologie.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>SCN</i>	<i>Studii și Cercetări de Numismatică.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>ScotHistR</i>	<i>Scottish Historical Review.</i> Aberdeen, Scotland.
<i>Sefarad</i>	<i>Sefarad.</i> Consejo Superior de Investigaciones Científicas, Instituto Benito Arias Montano, Madrid, Spain.
<i>Sefunim</i>	<i>Sefunim. Bulletin of the Maritime Museum.</i> Haifa, Israel.
<i>Severní Morava</i>	<i>Severní Morava, Vlastivedný Sbornik.</i> Vlastivedna Muzea na Sumperském Okrese, Zabreh, Czech Republic.
<i>Shekel</i>	<i>Shekel.</i> American Israel Numismatic Association, New York, New York, U.S.A.
<i>Sibrium</i>	<i>Sibrium.</i> Centro de Studi Preistorici ed Archeologici, Musei Civici di Villa Mirabello, Varese, Italy.
<i>Sicilia Arch</i>	<i>Sicilia Archaeologica. Rassegna Periodica di Studi, Notizie e Documentazione.</i> Ente Provinciale Turismo di Trapani, Trapani, Italy.

<i>Širag</i>	<i>Širag. Amsagir Grakanut ean ew Aruesdi</i> [Sirag. An Armenian Monthly]. T'ek'eean Cultural Society, Beirut, Lebanon.
<i>SK</i>	<i>Sovetskiĭ Kollektzioner</i> . Izdatel'stvo Svĭaz', Moscow, Russia.
<i>SkandNumis</i>	<i>Skandinavisk Numismatik</i> . Skärholmen, Sweden.
<i>ŚląskiKwartHistSobótka</i>	<i>Śląski Kwartalnik Historyczny Sobótka</i> . Wrocławskie Towarzystwo Miłośników Historii, Wrocław, Poland.
<i>Slavia Ant</i>	<i>Slavia Antiqua. Periodical Devoted to Slavonic Antiquities</i> . Poznań, Poland.
<i>SleszkýNum</i>	<i>Sleszký Numismatik</i> . Sleszké Muzeum v Opavě, Opava, Czech Republic.
<i>SlovArch</i>	<i>Slovenská Archeológia</i> . Archeologický Ustav Slovenskej Akadémie Vĕd, Nitra-Hrad, Slovakia.
<i>SlovNumiz</i>	<i>Slovenské Numizmatika</i> . Slovenské Akadémie Vĕd, Historický Ustav, Numizmatická Komisia, Bratislava, Slovakia.
<i>SM</i>	<i>Schweizer Münzblätter (Gazette Numismatique Suisse)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNR</i>	<i>Schweizerische Numismatische Rundschau (Revue Suisse de Numismatique)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNT</i>	<i>Svesk Numismatisk Tidskrift</i> . Stockholm, Sweden. Formerly <i>Myntkontakt</i> .
<i>SocNumMéxico Bol</i>	<i>Sociedad Numismática de México. Boletín</i> . Mexico City, Mexico.
<i>Somerset ArchNatHist</i>	<i>Somerset Archaeology and Natural History. Proceedings of the Somersetshire Archaeology and Natural History Society</i> , Taunton, England.
<i>Sønderjyds Mskr</i>	<i>Sønderjyds Månedsskrift</i> . Historisk Samfund for Sønderjylland, Haderslev, Denmark.
<i>SoobANGruzSSR</i>	<i>Soobshcheniia Akademii Nauk Gruzinskoi SSSR</i> , Tiflis, Georgia.
<i>SoobGErmitazh</i>	<i>Soobshcheniia Gosudarstvennogo Ermitazha</i> . St. Petersburg, Russia.
<i>SoobGMuzIzobIskPushkin</i>	<i>Soobshcheniia Gosudarstvennyi Muzei Izobrazitel'nykh Iskusstv Imeni A.S. Pushkina</i> . Moscow/St. Petersburg, Russia.
<i>SoobKhersonMuz</i>	<i>Soobshcheniia Khersonnenskogo Muzeia</i> . Sebastopol, Simferopol, Ukraine.

<i>Soproni Szemle</i>	<i>Soproni Szemle.</i> Sopron, Hungary.
<i>Sot la Nape</i>	<i>Sot la Nape.</i> Società Filologica Friulana, Udine, Italy.
<i>Speculum</i>	<i>Speculum.</i> A Journal of Mediaeval Studies. Medieval Academy of America, Cambridge, Massachusetts, U.S.A.
<i>Spoletium</i>	<i>Spoletium.</i> Accademia Spoletina, Spoleto, Italy.
<i>SprawNum</i>	<i>Sprawozdania Numizmatyczne.</i> Muzeum Archeologiczne i Etnograficzne w Łodzi. Łódź, Poland.
<i>Sprawozdania KomNauk PAN</i>	<i>Sprawozdania z Posiedzeń Komisji Naukowych Polskiej Akademii Nauk.</i> Kraków, Poland.
<i>SSCA</i>	<i>Stockholm Studies in Classical Archaeology.</i> Stockholm, Sweden.
<i>Starinar</i>	<i>Starinar.</i> Srpska Akademija Nauka, Arheološki Institut, Belgrade, Yugoslavia.
<i>StudActa Orient</i>	<i>Studia et Acta Orientalia.</i> Académie Roumaine, Bucharest, Romania.
<i>StudAlb</i>	<i>Studie Albanica.</i> Universitë d'Ëtat de Tirana, Institut d'Histoire et de Linguistique, Tirana, Albania.
<i>StudAntArch</i>	<i>Studia antiqua et archaeologica.</i> Universitatea Al. I. Cuza, Facultatea de istorie și filosofie. Iași, Romania.
<i>StudArcheologica</i>	<i>Studia Archaeologica.</i> Universidad de Valladolid, Valladolid, Spain.
<i>StudArcheologiczne</i>	<i>Studia Archeologiczne.</i> Instytut Archeologii, Uniwersytet Warszawski, Poland.
<i>StudCercBuzau</i>	<i>Studii și Cercetări de Istorie Buzoiană.</i> Comitetul județean de Cultură și Educație Socialistă Bazău, Muzeul Județean de Istorie, Buzău, Romania.
<i>StudClas</i>	<i>Studii Clasice.</i> Academia Republicii Socialiste România, Bucharest, Romania.
<i>StudComunBrukenthal</i>	<i>Studii și Comunicări.</i> Muzeul Brukenthal, Sibiu, Romania.
<i>StudComunPitesti</i>	<i>Studii și Comunicări.</i> Muzeul Pitești, Pitești, Romania.
<i>StudComunSatuMare</i>	<i>Studii și Comunicări.</i> Muzeul di Istorie, Satu Mare, Romania.
<i>Studia Cluj</i>	<i>Studia Universitatis Babes-Bolyai, Series Historia.</i> Cluj, Romania.
<i>Studies in Conservation</i>	<i>Studies in Conservation.</i> International Institute for Conservation of Historic and Artistic Works, London, England.
<i>Studi Magrebini</i>	<i>Studi Magrebini.</i> Centro di Studi Magrebini,

<i>StudIran</i>	Naples, Italy.
<i>Studi Romagnoli</i>	<i>Studia Iranica</i> . F.E.J. Brill, Leiden, Netherlands.
<i>StudMatIstMedie</i>	<i>Studi Romagnoli</i> . Società di Studi Romagnoli, Faenza, Italy.
<i>StudMatMuzIstMil</i>	<i>Studii și Materiale di Istorie Medie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>StudMatMuzȚirgu Mures</i>	<i>Studii și Materiale de Muzeografie și Istorie Militară</i> . Musée Central Militaire, Bucharest, Romania.
<i>StudMatSuceava</i>	<i>Studii și Materiale</i> . Muzeul Județean Țirgu Mureș, Țirgu Mureș, Romania.
<i>StudPicena</i>	<i>Studii și Materiale</i> . Muzeul Județean, Suceava, Romania.
<i>StudRevIst</i>	<i>Studia Picena</i> . Fano, Italy.
<i>StudSard</i>	<i>Studii, Revistă de Istorie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>StudVenez</i>	<i>Studi Sardi</i> . Università di Cagliari, Istituto di Studi Sardi, Sassari, Sardinia, Italy.
<i>StudŹródłoznawcze</i>	<i>Studi Veneziani</i> . Centro de Cultura e Civiltà, Istituto di Storia della Società e dello Stato Veneziano, Florence, Italy.
<i>Suceava</i>	<i>Studia Źródłoznawcze. Commentationes</i> . Polska Akademia Nauk, Instytut Historii, Warsaw, Poland.
<i>Sumer</i>	<i>Suceava. Anuarul Muzeului Județean</i> . Suceava, Romania.
<i>Suomen Museo</i>	<i>Sumer</i> . Directorate General of Antiquities, Baghdad, Iraq.
<i>Surrey ArchColl</i>	<i>Suomen Museo</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>SussexArchColl</i>	<i>Surrey Archaeological Collections</i> . Surrey Archaeological Society, Guildford, England.
<i>SymThrac</i>	<i>Sussex Archaeological Collections Relating to the History and Antiquities of the County</i> . Sussex Archaeological Society, Sussex, England.
<i>Syria</i>	<i>Symposia Thracologica</i> . Simpozion anual de Tracologie, Romania.
	<i>Syria. Revue d'Art Oriental et d'Archéologie</i> . Institut Français de'Archéologie de Beyrouth, Paris, France.

<i>A. SzékelyNumzMuz Ertes</i>	<i>A. Székely Nemzeti Múzeum Ertesítője.</i> Musée d'Histoire Locale, Sfântu-Gheorghe, Romania.
<i>TAF</i>	<i>Corpus des trésors monétaires antiques de la France.</i> Paris, France.
<i>TAMSJ</i>	<i>TAMS Journal.</i> Official Organ of the Token and Medal Society. Sepulveda, California, U.S.A.
<i>TCNRS</i>	<i>Transactions of the Canadian Numismatic Research Society.</i> Espanola, Ontario, Canada.
<i>Tel-Aviv</i>	<i>Tel-Aviv.</i> Tel-Aviv University, Institute of Archaeology, Israel.
<i>Terra Santa</i>	<i>Terra Santa.</i> Franciscan Printing Press, Jerusalem, Israel.
<i>Thessaloniki</i>	<i>Thessaloniki.</i> Thessalonica, Greece.
<i>Thraco-Dacica</i>	<i>Thraco-Dacica.</i> Academiei Republicii Socialiste România, Bucharest, Romania.
<i>Tibiscus</i>	<i>Tibiscus.</i> Muzeul Banatului, Timișoara, Romania.
<i>Tijdschr num</i>	<i>Tijdschrift voor numismatiek.</i> Brussels, Belgium.
<i>TM</i>	<i>Trésors monétaires.</i> Bibliothèque nationale, Paris, France.
<i>Tokyo Bunka KenkyuKiyo</i>	<i>Tokyo Bunka Kenkyushu Kiyo</i> [Memoirs of the Institute for Oriental Culture]. University of Tokyo, Tokyo, Japan.
<i>TransB'hamWarwksArch Soc</i>	<i>Transactions of the Birmingham and Warwicksire Archaeological Society.</i> Formerly <i>TransProc-Birmingham ArchSoc.</i>
<i>TransBristol Gloucestershire ArchSoc</i>	<i>Transactions of the Bristol and Gloucestershire Archaeological Society.</i> Bristol, England.
<i>TransDumfriesshireGalloway NaturHistAntSoc</i>	<i>Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society.</i> Edinburgh, Scotland.
<i>TransEssexArchSoc</i>	<i>Transactions of the Essex Archaeological Society.</i> Colchester, England. See also <i>EssexArchHist.</i>
<i>TransLichSStaffsArchHist Soc</i>	<i>Transactions of the Lichfield and South Staffordshire Archaeological and Historical Society.</i> Bloxwich, England.
<i>TransLondonM'sexArch Soc</i>	<i>Transactions of the London and Middlesex Archaeological Society.</i> London, England.
<i>TransShropArchSoc</i>	<i>Transactions of the Shropshire Archaeological Society.</i> Shrewsbury, England.
<i>TransSStaffsArchHistSoc</i>	Formerly <i>TransLichSStaffsArchHistSoc.</i>
<i>TransThorotonSocNotts</i>	<i>Transactions of the Thoroton Society of Nottinghamshire.</i> Nottingham, England.
<i>TransWorcsArchSoc</i>	<i>Transactions of the Worcestershire Archaeological Society.</i> Worcester, England.

<i>TrudyANTadzh</i>	<i>Trudy. Akademiia Nauk Tadzhikskoi SSR, Dushanbe, Tadzhikistan.</i>
<i>Trudy GErmitazh</i>	<i>Trudy Gosudarstvennogo Ermitazha. St. Petersburg, Russia.</i>
<i>Trudy Ist-KraevMuzMold</i>	<i>Trudy Istoriko-Kraevedcheskogo Muzeia Moldavskoi SSR. Kishinev, Moldova.</i>
<i>TTT</i>	<i>Trade Token Topics. Merchant Token Collectors Association, Richmond Beach, Washington, U.S.A.</i>
<i>T'ungPao</i>	<i>T'ung Pao. Society for Oriental Numismatics, Iowa City, Iowa, U.S.A.</i>
<i>Udine</i>	<i>Udine, Bollettino delle Civiche Istituzioni Culturali. Udine, Italy.</i>
<i>UkrIstZhurnal</i>	<i>Ukrainskyi Istorichnyi Zhurnal. Natsionaljna Akademiia Nauk Ukraini, Instytut Istorii, Kiev, Ukraine.</i>
<i>Ulster JArch</i>	<i>Ulster Journal of Archaeology. Belfast, Northern Ireland.</i>
<i>USNatMusBull</i>	<i>United States National Museum Bulletin. Washington, D.C., U.S.A.</i>
<i>Valachica</i>	<i>ActaValachica. Studii și Materiale di Istorie a Culturii. Muzeul Județean Dimbovița, Tirgoviște, Romania.</i>
<i>VaNum</i>	<i>The Virginia Numismatist. Virginia Numismatic Association, Hampton, Virginia, U.S.A.</i>
<i>Vasi Szemle</i>	<i>Vasi Szemle. Savaria Muzeum, Szombathely, Hungary.</i>
<i>VDI</i>	<i>Vestnik Drevnei Istorii (Journal of Ancient History). Rossiiskaia Akademiia Nauk, Moscow, Russia.</i>
<i>Vecherni Novini</i>	<i>Vecherni Novini. Sofia, Bulgaria.</i>
<i>Vekove</i>	<i>Vekove. Revue de la Société historique bulgare, Sofia, Bulgaria.</i>
<i>VestGosMuzGruz</i>	<i>Vestnik Gosudartsvennogo Muzeia Gruzii imeni Akademika S. N. Dzhnashia. Tiflis, Georgia.</i>
<i>VestIstMirovKul't</i>	<i>Vestnik Istorii Mirovoi Kult'ury. Moscow, Russia.</i>
<i>VestMoscowU</i>	<i>Vestnik Moskovskogo Universiteta. Moscow, Russia.</i>
<i>VeszprémMegyeiMuzKözlem</i>	<i>Veszprém Megyei Muzeumok Közleményei. Veszprém, Hungary.</i>
<i>VI</i>	<i>Voprosy Istorii. Akademiia Nauk SSSR, Institut Istorii, Moscow, Russia.</i>
<i>Vie num</i>	<i>La Vie numismatique. Alliance européenne de numismatique, Brussels, Belgium.</i>

<i>Vie Wallone</i>	<i>La Vie Wallone. Revue mensuelle illustrée.</i> Liège, Belgium.
<i>Vita Veronese</i>	<i>Vita Veronese. Rivista mensile di cultura.</i> Verona, Italy.
VV	<i>Vizantiiskii Vremennik.</i> Rossiiskaia Akademiia Nauk, Institut Istorii, Moscow, Russia.
<i>VznikPočátky Slov</i>	<i>Vznik a Počátky Slovanů. Origine et Débuts des Slaves.</i> Československá Akademie Věd, Sekce Historická, Slovanský Ústav, Prague, Czech Republic.
<i>Wavriensia</i>	<i>Wavriensia. Bulletin du Cercle Historique et Archéologique de Wavre et de la Région.</i> Wavre, Belgium.
WCN	<i>World Coin News.</i> Iola, Wisconsin, U.S.A.
WCoins	<i>World Coins.</i> Sidney, Ohio, U.S.A.
Wenwu	<i>Wen Wu [Cultural Relics].</i> Beijing, People's Republic of China.
<i>Wiltshire ArchMag</i>	<i>Wiltshire Archaeological Magazine.</i> Wiltshire Archaeological Society, Devizes, England.
<i>Winterthur Jb</i>	<i>Winterthur Jahrbuch.</i> Winterthur, Switzerland.
WN	<i>Wiadomości Numizmatyczne.</i> Polska Akademia Nauk, Komisja Numizmatyczna, Warsaw, Poland.
WNJ	<i>Whitman Numismatic Journal.</i> Racine, Wisconsin, U.S.A.
<i>WroclZapNum</i>	<i>Wrocławskie Zapiski Numizmatyczne.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział Wrocławski, Sekcja Numizmatyczna, Wrocław, Poland.
<i>WZeitschriftFSUnivJena</i>	<i>Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena.</i> Jena, Germany.
YN	<i>The Young Numismatist.</i> American Numismatic Association, Colorado Springs, Colorado, U.S.A.
<i>Yokohama Shodai Ronshu</i>	<i>Yokohama Shodai Ronshu [Review of Yokohama Commercial College].</i> Yokohama, Japan.
<i>Yorkshire ArchJ</i>	<i>Yorkshire Archaeological Journal.</i> Yorkshire Archaeological Society, London, England.
<i>ZapOdessArkObshch</i>	<i>Zapiski. Odesskoe Arkheologicheskoe Obshchestvo,</i> Odessa, Ukraine.
<i>ZborArheolMuz</i>	<i>Zbornik na Arheološkiot Muzej.</i> Skopje, Macedonia.
<i>ZborMuzPrimenjene Umet</i>	<i>Zbornik. Muzej Primenjene Umetnosti,</i> Belgrade, Yugoslavia.
<i>ZborNarodMuzBeogradu</i>	<i>Zbornik Narodnog Muzeja u Beogradu.</i> Belgrade, Yugoslavia.

<i>ZborSlovNárodMuz</i>	<i>Zborník Slovenského Národného Muzea.</i> Bratislava, Slovakia.
<i>ZCzęst</i>	<i>Ziemia Częstochowska.</i> Towarzystwo Popierania Kultury Regionalnej, Częstochowa, Poland.
<i>Zephyrus</i>	<i>Zephyrus.</i> <i>Cronica del Seminario de Arqueología y</i> <i>de la Sección Arqueológica del Centro de</i> <i>Estudios Salmantinos.</i> Salamanca Universidad, Facultad de Filosofía y Letras, Salamanca, Spain.
<i>ZesMuzZKłodzkiej</i>	<i>Zeszyty Muzeum Ziemi Kłodzkiej.</i> Kłodzko Land Museum, Kłodzko, Poland.
<i>Ziridava</i>	<i>Ziridava.</i> Muzeul Județean, Arad, Romania.
<i>ZPE</i>	<i>Zeitschrift für Papyrologie und Epigraphik.</i> Bonn, Germany.
<i>ZSchweizArchKunstgesch</i>	<i>Zeitschrift für Schweizerische Archäologie und</i> <i>Kunstgeschichte.</i> Schweizerisches Landes- museum, Zurich, Switzerland.

GENERAL

1 ARNOLD, PAUL. Münzkabinet 1993. *JbStKunstsammlDresden* 24 (1993, publ. 1997) pp. 133-45.

2 BALANESCU, DANA. Izvoarele numismatice în opera cronicarului Nicolae Stoica de Hațeg [The Numismatic Sources in the Works of the Chronicler Nicolae Stoica of Hațeg]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 333-40. French summary.

The author presents the numismatic contributions of the chronicler Nicolae Stoica, who published "La Chronique du Banat" and "La Chronique de Mehadia" in 1833 with commentary on discoveries and several ancient coin types (Greek, Thracian and Roman).
(Constantin Preda)

3 DEKESEL, CHRISTIAN E. Charles Patin in Paris (1633-1667) from fame to misfortune. *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 19-31 illus.

The author offers biographical notes on Charles Patin before his move to Padua. Topics include his cultural molding in France, his medical studies, and his numismatic interests up to the publication in 1665 of his fundamental *Introduction à l'histoire par la connaissance des médailles*.
(A. Carignani)

4 DEL NEGRO, PIERO. Charles Patin, un animatore e promotore delle istituzioni culturali padovane del tardo Seicento. *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 3-18.

This is an introduction to the French scholar Charles Patin, physician and numismatist, with particular attention to the role of his work, beginning in 1676, in the cultural sphere of Padua.
(A. Carignani)

5 FAVARETTO, IRENE. Gli interessi antiquari di Charles Patin. *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 67-77 illus.

The author reconstructs the cultural environment that accommodated Charles Patin during his long stay at Padua (1676-93). It was here that he nurtured his enthusiasm for the acquisition of coins, medals, inscriptions and sculpture.
(A. Carignani)

- 6** FIVAZ, BILL. Why Not Join a Specialty Club. *Num* 110 no. 7 (July 1997) pp. 754-57.

Finding information on specialty clubs, whether they be interested in the coinage of John Reich or Christian Gobrecht, or for those who are interested in commemorative coins or paper money or stocks and bonds or stamps and coins etc., can often be a daunting task. This article provides summaries of the clubs' area of interest and contact information. Many produce high-quality journals containing information not available otherwise. (Thomas Serfass)

- 7** FLETCHER, D. and L. SILGO. De nuevo sobre ponderales ibèricos. *Verdolay* 7 (1996) pp. 271-75.

- 8** GORINI, GIOVANNI. Charles Patin numismatico a Padova. *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 33-43.

The author traces a profile of the activity of Charles Patin in the numismatic field during his stay at Padua beginning in 1676. (A. Carignani)

- 9** GUILLEMAIN, JEAN. Les recherches numismatiques de Charles Patin d'après ses lettres à Jacob Spon. *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 45-58.

Among the sources at the Bibliothèque Nationale are preserved approximately 70 letters from Charles Patin to Jacob Spon. The documents offer valuable information on the figure of Patin and his numismatic interests, the progress of his research and the formation of his collection. (A. Carignani)

- 10** ILIESCU, OCT. Dimitrie Sturdza și numismatica românească [Dimitrie Alexandru Sturdza and Romanian Numismatics]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 17-58 illus. French summary.

The numismatic works of D.A. Sturdza were discussed on the occasion of the 90th anniversary of the Romanian Numismatic Society, with special attention to his paper on Romanian medieval coins (1879) and the Romanian numismatic bibliography (1893), with addenda and corrigenda. (Constantin Preda)

- 11** ILISCH, PETER. Münzkabinett [Das Westfälische Landesmuseum für Kunst und Kulturgeschichte Münster 1993 und 1994]. *Westfalen* 73 (1995) pp. 257-62.

New acquisitions (Rhodes tetradrachm, medieval and early modern German coins) are presented. (Author)

- 12** JENSEN, JØRGEN STEEN. Kung. Myntkabinettet-Sveriges Ekonomiska Museum [Royal Coin Cabinet - Museum of Monetary History]. *NNUM* 6 (1997) pp. 98-99.

The new premises and new exhibition rooms of the Royal Coin Cabinet in Stockholm are described. (Ulla Westermark)

- 13** KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg 1996* (Stuttgart, Konrad-Theiss-Verlag 1997) pp. 310-16 illus. ISBN 3-8062-1292-9.

Klein reports on about 100 coins found in Württemberg in 1996 comprising 50 Roman pieces, some gem stones, a solidus of Justinian I, quarter siliquae of Justinus I and Theodoric, an early medieval coin type fibula, various European early modern coins, a lead seal of Ulm and a sixteenth century token of Ulm. (Peter Ilisch)

- 14** KROHA, TYLL. *Grosses Lexikon der Numismatik. Second revised edition*. Gütersloh, Bertelsmann 1997. 544 pp. illus. ISBN 3-577-10554-2.

This is a general dictionary geared mainly for collectors. Its articles concern territories or mints, denominations, technology, medallists, some numismatists, etc. Added are tables of inscriptions and numerals, lists of modern currencies, periodicals, societies and public collections as well as a bibliography. (Peter Ilisch)

- 15** MANDIĆ, RANKO. Naučni rad Dobrile Gaj-Popović na podrkuču numizmatike [Scholarly work of Dobrila Gaj-Popović in the field of numismatics]. *Numizmatičar* 18/19 (1996) pp. 151-53. English summary.

A short biography and listing of 36 published works of Mrs. Gaj-Popović, who succeeded Rastislav Marić as head of the Numismatic Cabinet of the National Museum in Belgrade, is given. (Charles B. Smith, Jr.)

- 16** *Münzen und Medaillen aus den Sammlungen der Stiftung Stadtmuseum Berlin*. Berlin 1997. 232 pp. illus.

This volume was published on the occasion of the 12th International Numismatic Congress in Berlin. (P. Arnold)

- 17** Numismatik in Deutschland. *NNb* 46 (1997) no. 9 pp. 391-480 illus.

This special volume presents the most important German coin collections, the five mints and the numismatic research institutions. (Peter Ilisch)

- 18** OLIVIERI, ACHILLE. Charles Patin: un contributo alla storia del termina 'police.' *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 89-105.

Medals are examined in the light of the study of European nations after the end of the religious wars of the 17th century. (A. Carignani)

19 PREDA, CONSTANTIN. Societatea Numismatică Română la 90 ani de la înființare [The Romanian Numismatic Society at its 90th Anniversary]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 9-15.

In December 1993, the Romanian Numismatic Society celebrated its 90th anniversary at the Romanian Academy, where several papers were presented. (Author)

20 ROVELLI, ALESSIA. Monete e problemi di monetazione tardo antica e longobarda. P. Peduto, ed.. *S. Giovanni di Pratola Serra. Archeologia e storia nel ducato longobardo di Benevento* (Salerno 1992) pp. 367-76.

The author publishes 32 coins from the 2nd century A.D. to the 17th century found in a precarious state of preservation in excavations at Benevento. A particular concentration (15 pieces) comes from the late antique period. The modern era is represented by 3 coins from the reign of the Two Sicilies. (A. Carignani)

21 SACCOCCI, ANDREA. Gli studi di numismatica medievale al tempo del Patin. *Celebrazioni patiniane. Carolus Patinus 1633-1693*. Atti Padova 4 maggio 1994 (Padua, Editrice Antenore 1996) pp. 78-88.

22 SAVIO, ADRIANO. La numismatica e i problemi quantitativi intorno al calcolo del volume delle emissioni. *RIN* 98 (1997) pp. 11-48.

The author comments on attempts by numismatists to calculate the quantity struck in various issues and urges caution and moderation. (A. Carignani)

23 SCHAUER, BURKHARD, BERND KLUGE and ULRICH KLEIN. Schrifttum zur deutschen Numismatik 1990-1995. *GN* 32 (1997) pp. 259-301.

24 SMARANDA, AURICA. Sărbătorirea a 90 ani de la înființarea Societății Numismatice Române [The 90th Anniversary of the Romanian Numismatic Society]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 369-70 illus.

The author publishes information about the 90th anniversary of the society and a medal struck for the occasion. (Constantin Preda)

25 VOIGTLÄNDER, HEINZ. *Vorsicht, Fälschung! Münzfälschungen von der Antike bis heute*. Schriftenreihe der Numismatischen Gesellschaft

Speyer vol. 39. Speyer, Numismatische Gesellschaft 1998. 272 pp. illus. ISSN 0938-7269.

TECHNOLOGY AND METHODOLOGY

26 ABASCAL, J.M., P.P. RIPOLLES, and M. GOZALBES. *Varia Metallica* (I). Anàlisis de monedas antiguas, medievales i modernes. *Acta Num* 26 (1996) pp. 17-51.

27 BUTCHER, KEVIN and MATTHEW PONTING. A Study of the Chemical Composition of Roman Silver Coinage, A.D. 196-97. *AJN* 2nd series no. 9 (1997) pp. 17-36.

The debasement of the denarius by Septimius Severus in A.D. 194 is a crucial event in Roman economic history, yet the available analyses present a confusing and sometimes contradictory picture. This paper determines the precise fineness adopted by this debasement using accurate analytical procedures and discusses some of the problems which have beset the earlier analyses. The analytical data generated also allow further questions of mint production and technology to be investigated using minor and trace elements with particular reference to the Eastern coinage. (*Authors*)

28 BUTTREY, S.E. and T.V. Calculating Ancient Coin Production, Again. Reviewing de Callataÿ, Depeyrot, and Villaronga, *L'Argent monnaie d'Alexandre le grand a Auguste*, and de Callataÿ, "Calculating Ancient Coin Production: Seeking a Balance." *AJN* 2nd series no. 9 (1997) pp. 113-35.

In reviewing the monograph by Callataÿ, Depeyrot and Villaronga, the authors question the statistical methods employed to arrive at the quantities of dies employed at the various mints, and reject the calculation of coin production by which an average of 20,000 pieces struck per die is applied to the Hellenistic coinages generally.

(*T.V. Buttrey*)

29 KRENEVELD, PETER. Internet and Numismatics. *NI* 32 no. 4 (April 1997) pp. 107-16.

Sources for numismatic information on the internet are provided. (*Joseph Uphoff*)

30 ZEUGE, WOLFGANG. Metrologische Untersuchungen zum Fund von Winsen-Luhof (1986). *BBMG* 1 (1997Z) pp. 49-53 illus.

This is a statistical and metrological approach to the wittens of the Winsen-Lohdorf hoard, buried after 1371.

(*Peter Ilisch*)

For additional references to Technology and Methodology, see the following abstract:

Greek, no. 75.

GREEK

31 ALEXANDROPOULOS, J. Numidie et Maurétanie. *Dictionnaire de la civilisation phénicienne et punique* (Brepols 1992) pp. 326-27.

32 ALEXANDROPOULOS, J. Contribution à la définition des domaines monétaires numides et maurétaniens. *Studia Phoenica* 11 (1992) pp. 133-47.

The author divides the material into three geographical areas: Gibraltar and Morocco; Iol-Caesarea; and the Cirta region. When mints are not determined, the classification is by dynasty.
(Khaled Ben Romdhane)

33 ALRAM, MICHAEL. Die Geschichte Irans von den Achaimeniden bis zu den Arsakiden (550 v.Chr - 224 n.Chr.). Wilfried Seipel, ed., *Katalog der Ausstellung Weihrauch und Seide. Alte Kulturen an der Seidenstraße* (Vienna 1996) pp. 73-98 illus.

This is a brief overview of the history of coinage and money of ancient Persia until the Sasanids siezed power.
(Author)

34 ALRAM, MICHAEL. Die Geschichte Ostirans von den Griechenkönigen in Baktrien und Indien bus zu den iranischen Hunnen (250 v.Chr. - 700 n.Chr.). Wilfried Seipel, ed., *Katalog der Ausstellung Weihrauch und Seide. Alte Kulturen an der Seidenstraße* (Vienna 1996) pp. 119-40 illus.

35 ALRAM, MICHAEL. Alchon und Nezak. Zur Geschichte der Iranischen Hunnen in Mittelasian. *La Persia e l'Asia Centrale da Alessandro al X secolo* (Atti dei Convegni Lincei 127, 1996) pp. 517-54 illus.

36 AMIT, D. Mazor 1993. *Hadashot Arch* 106 (1996) pp. 86-92. In Hebrew.

Coin finds included an issue of Antiochus IV, one of Alexander Jannaeus and in another area of the excavation a coin of Aretas IV dated A.D. 18/19, and unidentified medieval Ottoman issues. In a third area, 4 hellenistic coins were found including issues of Antiochus III and IV.
(Arnold Spaer)

- 37** AMIT, D. and J. SILBERBUD. Mazor 1994-5. *Hadashot Arch* 106 (1996) pp. 92-96. In Hebrew.

Coins found included 4 tetradrachms (not identified), 70 Seleucid issues and 15 Hasmonean coins, 6 of them of the 1st century A.D. (Arnold Spaer)

- 38** ARDEVAN, RADU. Una moneta lidia contramarcata. *Omaggio a Dinu Adamesteanu* (Cluj-Napoca 1996) pp. 111-15 illus.

In the numismatic collection of the History Museum of Transylvania is an electrum coin struck in one of the Lydian Greek cities of Asia Minor, most probably Miletus. The coin is an archaic hemihecté countermarked with X and two circles.

(Constantin Preda)

- 39** AVIRAM, M. and D. EDEN-BAJOWITZ. Yodfat 1994-5. *Hadashot Arch* 106 (1996) pp. 24-26. In Hebrew.

In excavations at this Lower Galilee site a coin of Ptolemy II was found.

(Arnold Spaer)

- 40** COLLANTES PEREZ-ARDA, E. *Historia de las cecas de Hispania Antigua*. Madrid 1997. 396 pp.

- 41** CONSOLO LANGHER, SEBASTIANA NERINA. Naxos nell'Egeo arcaico e nella colonizzazione "calcidese" dell'Occidente. E. Lanzillotta and D. Schilardi, eds., *Le Cicladi ed il mondo egeo* (Rome 1996) pp. 121-53 illus.

On the basis of literary, epigraphic and numismatic evidence, the author discusses the role and participation of the inhabitants of Naxos on the colonial establishment on the east coast of Sicily.

(A. Carignani)

- 42** CONSOLO LANGHER, SEBASTIANA NERINA. *Stati federali greci. Focesi, Calcidesi di Tracia, Acarnani*. Quaderni di Messina, Rassegna di Studi Filologici, Linguistici e Storici 4. Messina 1996. 364 pp. illus.

The author examines and globally analyzes federalism in ancient Greece in terms of the political, economic and constitutional implications. Archaeological finds and numismatic evidence supplement historical sources.

(A. Carignani)

- 43** CONSOLO LANGHER, SEBASTIANA NERINA. *Siracusa e la Sicilia greca fra età arcaica ed alto ellenismo*. Messina, Società messinese di Storia Patria 1996. 796 pp. illus.

The political-historical development of Syracuse between the 6th and 3rd centuries B.C. is outlined based on the combination of evidence from literary sources and archaeological and coin finds.
(A. Carignani)

44 DUDAU, OLTEA. Monede antice din colecția fostului Muzeu al Astrei din Sibiu [Ancient Coins from the Collection of the Museum of Asta from Sibiu]. *BSNR* 86087 (1992-93, publ. 1996) pp. 59-66 illus. English summary.

In the Brukenthal Museum at Sibiu are several coins belonging to the former collection of the ASTRA Society. They include one gold coin from Corinth, five silver coins of Thasos, one silver coin of Ptolemy XIII, and eleven Geto-Dacian silver pieces.
(Constantin Preda)

45 FRENKEL, R. The Sanctuary from the Persian Period at Mount Mizpe Yahim. *Qadmoniot* 113 vol. 30 no. 1 (1997) pp. 46-53.

Four coins were found during excavations at this site south of Safed: two minor silver coins of Tyre of the Persian period and two Seleucid copper issues of Antiochus IV and V from the mint of Tyre.
(Arnold Spaer)

46 GALANI-CRICOU, MINA. Anaskaphi sti Mesembria-Zone. Zone: Tritos Nomismatokos typos [Excavations at Mesembria-Zone. Zone: Third Numismatic Type]. *Actes, 2nd International Symposium of Thracian Studies* (Kimotini 1997) pp. 631-41.

Excavations at the Agean site of Mesembria-Zone have recently yielded a new, third type of bronze coin of Zone bearing Artemis/Deer and the inscription ΖΩΝ[ΑΙΩΝ].
(Mando Oeconomides)

47 GANDOLFO, LUCINA. Ricerche a Montagna dei Cavalli. Rinvenimenti monetari. *Archeologia e Territorio* (Palermo 1997) pp. 315-31.

This locality in the province of Palermo has yielded 176 coins, mostly from the period between the 6th and 3rd centuries B.C. A large series of Punic coins, including overstrikes, predominates. Numerous other bronzes, possibly of local issue, with butting bull/astragal are present in strong concentration. They are associated with pieces attributed by the author to Heraclea Minoa.
(Sara Sorda)

48 GANDOLFO, LUCINA. La Montagnola di Marineo. Ritrovamenti monetari antichi e recenti. *Archeologia e Territorio* (Palermo 1997) pp. 137-46 illus.

The locality is known from the 19th century bibliography as particularly rich in coin finds, both in hoards and isolated finds, Greek as well as Roman and Punic. The

composition of the numismatic collection of the local museum and the more recent finds confirm previous conclusions. (Sara Sorda)

49 GANDOLFO, LUCINA. Le monete [Ricerche archeologiche su Monte Pellegrino]. *Archeologia e Territorio* (Palermo 1997) pp. 22-24 illus.

For the first time, coins come from official excavations: 11 pieces including Panormos (3), Punic (3), Tiberius (2), Hadrian (2). Previous finds were almost entirely Punic but had no archaeological context. (Sara Sorda)

50 GIBERTI, MARIA VALERIA. Le monete ellenistiche del Museo Archeologico Nazionale di Cagliari. *Quaderni della Soprintendenza Archeologica per le Province di Cagliari e Oristano* 8 (1991) pp. 175-82 illus.

The author publishes eight coins in the collection of the Museo Archeologico Nazionale in Cagliari, struck at the mints of Durazzo, Locri Epizefiri, the Mamertines, Syracuse and Marseilles. (A. Carignani)

51 GITLER, H. A Comparative Study of Numismatic Evidence from Excavations in Jerusalem. *LibAnn* 46 (1996) pp. 317-62 illus.

Statistical analyses and comparison of coins found in excavations at 8 different sites in and around the old city of Jerusalem and almost 4,000 coins excavated at Massada are included in this article. The coins cover the period from Alexander the Great's death to the Arab conquest. The article includes a catalogue and illustrations of 577 coins found at three of the eight areas dealt with. (Arnold Spaer)

52 GORSALSANI, A. Ramat Aviv. *Hadashot Arch* 106 (1996) pp. 77-79. In Hebrew.

Three coins were found in this northern quarter of Tel Aviv, one of Antiochus II from the mint of Apamea, a Ptolemaic issue of the 3rd century B.C. issued in Tyre, and a coin of the 2nd century B.C. (Arnold Spaer)

53 GRIMM, GÜNTER. Verbrannte Pharaonen? Die Feuerbestattung Ptolemaios' IV. Philopator und ein gescheiterter Staatsstreich in Alexandria. *Antike Welt* 28 (1997) pp. 233-49 illus.

The author discusses Sosibios' and Agathocles' usurpation of power during the reign of Ptolemy IV Philopator (222-204 B.C.). He suggests that the incineration of the corpse of Ptolemy IV by the usurpers should demonstrate the end of the Lagid dynasty. The Egyptians who believed that human existence was continuable by mummification should learn from this act that the last Pharaoh and his dynasty was burnt to ashes. After the elimination of Agathocles (203 B.C.), the men around the surviving prince, the new king Ptolemy V Epiphanes, tried to underline the

questioned continuity of the dynasty by minting the famous portrait-coins of Epiphanes' parents, Philopator and Arsinoe. (Johannes Nollé)

54 HENKELMAN, WOUTER. The Royal Achaemenid Crown. *ArchMitt Iran* N.F. 28 (1995-96) pp. 275-93 illus.

The Achaemenid crowns have a dynastic rather than a personal character. Ch. 6 (pp. 286 ff.) deals with their representations on coins. (Hans R. Baldus)

55 HOUGHTON, ARTHUR. Some Seleucid Test Pieces. *AJN* 2nd series no. 9 (1997) pp. 1-5 illus.

The article references known Greek and Roman test pieces and discusses five related Seleucid lead objects. Four of these can be specifically associated with mint operations at Lysimachia and Antioch under Antiochus II, Antiochus III, Antiochus VI and Antiochus VIII. A fifth, probably from Antioch, either reflects a rejected coin design or is a royal seal. (Author)

56 KRINGS, VÉRONIQUE. *La civilisation phénicienne et punique. Manuel de recherche*. Leiden/New York/Cologne 1995.

57 LESCHHORN, WOLFGANG. *Sylloge Nummorum Graecorum Deutschland: Staatliche Münzsammlung München, 23. Heft. Lydien, Nr. 1-815*. Munich, Hirmer Verlag 1997. 41 pp. illus. ISBN 3-7774-7360-X.

The 815 Greek and Greek imperial coins from Lydia owned by the Munich coin cabinet are fully described and illustrated on 35 plates. (Hans R. Baldus)

58 LIPINSKI, E. Carthage et le domaine punique. *Dictionnaire de la civilisation phénicienne et punique* (Brepols 1992) pp. 320-27.

59 MANFREDI, LORENZA ILIA. *Monete puniche. Repertorio epigrafico e numismatico*. Rome 1995. 490 pp. illus.

Based on inscriptions and coins, the author publishes a collection of all the legends appearing on issues of the Punic mints and presents some new interpretations. (A. Carignani)

60 MANFREDI, LORENZA ILIA. Le monete. Carlo Tronchetti *et al.*, *Lo scavo di via Brenta a Cagliari. I livelli fenicio-punici e romani (Quaderni della Soprintendenza Archeologica per le Province di Cagliari e Oristano 9 [1992])* pp. 155-57.

The 11 bronze coins from this excavation range from the first half of the 4th century to 241 B.C. Except for one piece struck at a Sicilian mint, all the others were issued by a mint on Sardinia.
(A. Carignani)

61 MANGANARO, GIACOMO. Per una storia della *Chora Katanaia*. B. Gentili, ed., *Catania Antica* (Pisa/Rome, Istituti Editoriali e Poligrafici Internazionali 1997) pp. 19-59.

Historical and political events and coin issues are discussed in outlining the development of the *Chora* from the arrival of Greek colonists to Roman imperial times.
(Sara Sorda)

62 MANGANARO, GIACOMO. La monetazione di Katana dal V al I sec. a.C. B. Gentili, ed., *Catania Antica* (Pisa/Rome, Istituti Editoriali e Poligrafici Internazionali 1997) pp. 303-29 illus.

This is an appendix to the previous article.
(Sara Sorda)

63 MAZOR, G. A Columbarium Cave at Ras Esh-Sheikh 'Anbar East of Jerusalem. *Atiqot* 29 (1996) pp. 51*-55*. In Hebrew; English abstract p. 110.

A coin of Pontius Pilate (Meshorer *AJC* II no. 21) and another of Agrippa I (Meshorer *AJC* II no. 11) were found in excavations just east of Jerusalem.
(Arnold Spaer)

64 MESHORER, Y. The Coins. *Qedem Reports* 3 - *Yoque'am I. The Late Periods* (Jerusalem 1996) pp. 239-41 illus.

The author describes and illustrates the 16 coins found during excavation of this Lower Galilee site. They include 2 Persian-period coins of Sidon, one tetradrachm of Alexander the Great (Sidon), 2 Seleucid issues, 3 Roman provincial coins, 2 4th-century Roman issues, 1 Byzantine, 2 Islamic, 1 Crusader and 2 Ottoman issues.
(Arnold Spaer)

65 NICOLAOU, INO. Prosthikes sta Ysterosimasmena Nomismata pou briskontai stin Kypro [Additions to the Countermarked Coins found in Cyprus]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 194-99.

Seventeen more countermarked Greek Imperial Cypriot coins are added to the 44 already published by the author in the *Proceedings of the 10th International Congress of Numismatics, London 1986* (Wetteren 1990) pp. 207-15 and in the *Actes du XIe Congrès International de Numismatique, Louvain-la-Neuve 1993* pp. 360-61. This article comprises three bronze Hellenistic coins. The bronze countermarked coin of King Praxippos of Lapethos, to the author's best knowledge, is unique.

(Mando Oeconomides)

66 OCHEȘEANU, RADU. Măsuri ponderale recent descoperite la Histria [Weights recently discovered at Histria]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 241-48 illus. French summary.

Four ancient weights were recently discovered in the Greek city of Histria. Two of them (1/8-mine weights) date from the Hellenistic period. The other two (1-mine weights) belong to the Roman and Romano-Byzantine epochs. (Constantin Preda)

67 PAPAGEORGIADOU-BANI, CHARIKLEIA. To Euryma IGCH 317 kai e Nomismatiki Kykloforia sten Aitolia to 2o ai.p.Chr. [The Find IGCH 317 and the Coinage in Circulation in Aetolia in the Second Century B.C.]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 215-23.

The discovery of the small find IGCH 317 from Naupaktos is the occasion for a reconstruction of the coinage in circulation in Aetolia in the second century B.C., a period of considerable upheaval and Roman intervention in the region. During the third and second centuries B.C. the economy of the region was based on local coinages and the coinages of neighboring areas. Roman coins first make their appearance as early as the third century B.C., but only as chance finds, the result of the presence of Romans in the area. The bulk of the Roman coins date from the second century B.C., to which is assigned the burial of the Agrinion and Naupaktos hoards.

(Mando Oeconomides)

68 PARISE, NICOLA FRANCO. Il nuovo catalogo delle Civiche Raccolte Numismatiche di Milano. *Studi in memoria di Lucia Guerrini. Vicino Oriente, Egeo, Grecia, Roma e mondo romano. Tradizione dell'antico e collezionismo di antichità. Studi Miscellanei* 30 (Rome, L'Erma di Bretschneider 1996) pp. 161-66.

This is a review and full discussion of three *SNG* volumes published between 1988 and 1990.

(A. Carignani)

69 PETRÁNYI, GYULA. Comments on the Chronology of the final Minting Period of the Apollonian-Dyrrhachion Drachms. *BSNR* 86-87 (1992-93, publ. 1996) pp. 67-75 illus.

The author discusses some chronological and metrological issues with the drachms from Apollonia and Dyrrhachium and proposes new ideas. (*Constantin Preda*)

70 PETROVA, ELEONORA. The 5th Century BC Coins from the Museum of Macedonia. *Macedonian Numismatic Journal* 2 (1996) pp. 7-12. Macedonian summary.

The author examines several coins recently obtained by the Museum of Macedonia, in the light of existing treatment of these types by Head, Gaebler, Svoronos and Hammond. The two types under consideration—obverse: goat kneeling right with head facing left and; obverse: goose and salamander surrounded by circle of dots; both with reverse: incuse square—are dated to the end of the 6th and the first four decades of the 5th century B.C., and attributed to the town of Aegeae, or to the first coinage of Alexander I, or to the Paeoplai and Edones in the region east of the lower Axios River. (*Charles B. Smith, Jr.*)

71 POPESCU, ADRIAN. Monede grecești și romane republicane dintr-un tezaur găsit la Zimnicea, jud. Telorman [Greek and Roman Republican Coins from a Hoard Discovered at Zimnicea, Teleorman County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 305-7 illus. English summary.

Coins from a hoard discovered several years ago near the Getic settlement at Zimnicea, Teleorman County-Valachia were recently identified. Ten are Dyrrhachium drachms, and there are Roman Republican denarii from C. Vibius Pansa, C. Censorinus and L. Sulla. (*Constantin Preda*)

72 PROTONOTARIOS, PETROS. “Thesaurus” Molybdinon Nomismatoschimon Diskarion. Eurima Boiotias? [A Boeotian(?) Hoard of Lead Ancient Psuedocoins]. *Volume in Honor of Mando Oeconomides “XAPAKTHP”* (Athens 1996) pp. 251-60.

After a review of the bibliography referring to genuine lead and bronze imitations of ancient coins, the author describes a hoard of lead imitations consisting of 32 lead imitations of Theban staters and of 20 lead imitations of Larisa drachms. The hoard probably was found in Boeotia in the 1980s. Without excluding the possibility of a private issue in a period of political and financial instability both in Boeotia and Thessaly, the author tentatively proposes that the pseudocoins represented in the hoard might be official emergency issues. (*Mando Oeconomides*)

73 REICH, R. and Y. BILLIG. Jerusalem—Robinson’s Arch. *Hadashot Arch* 106 (1996) pp. 134-37. In Hebrew.

Among the coins found were numerous prutoth of years 2 and 3 of the First Jewish Revolt, indicating that use of this area ended after the revolt. (*Arnold Spaer*)

- 74** RIKLIN, S. and D.T. ARIEL. The Courtyard Towers in the Light of Finds from Ofarim. *Atiqot* 32 (1997) pp. 95-98. In Hebrew; English abstract p. 42*.

Four coins of Alexander Jannaeus (Meshorer *AJC* I nos. 119-122 and 130-132) were found during this excavation. (Arnold Spaer)

- 75** SARYAN, L.A. An Unpublished Silver Drachm Attributed to Artaxias III (A.D. 18-34) of Armenia. *AJN* 2nd series no. 9 (1997) pp. 7-16 illus.

A silver drachm from a private collection, attributed to Artaxias III (A.D. 18-34) of Armenia, is reported, described and discussed. The obverse bears the portrait of Artaxias, clean-shaven, facing right, wearing an Armenian tiara with five peaks and three tassels behind, all enclosed in a wreath. The tiara is decorated with two rows of precious stones or pearls and a centrally-placed eight-rayed star flanked on either side by a wavy floral pattern. An earring is visible in the king's right ear and a clasp holds the king's robe in place. The reverse shows a helmeted figure (Athena?) walking left, carrying a shield and a lance. The Greek legend reads ΒΑΣΙΛΕΩΣ ΑΡΤΑΞΕΡΞΕΩ ΘΕΙΟΥ. The letters ΙΔ (possibly representing regnal year 14) are seen in the right field, and a complex monogram associated with the mint city Artaxata appears beneath the figure. A circle at the edge encloses the figure, inscription, and monograms. The coin weights 3.590 grams and has a diameter of 22 mm. Chemical analysis of the coin surface performed using SEM-EDS indicates an approximate composition of 92.5% silver, 4.1% copper, 0.6% gold, 1.6% lead, with the remainder consisting of silicon, aluminum, iron and titanium. (Author)

- 76** SCHÖNERT-GEIß, EDITH. Thrakische Raritäten. *SCN* 11 (1997) pp. 19-22.

Six coins of Abdera, Ainos, Maroneia and Sestos are discussed. (Author)

- 77** SEITERLE, GÉRARD. Rückgabe des Zeusaltars—an Athena. *Antike Welt* 28 (1997) pp. 201-8 illus.

The author suggests that the famous Altar of Pergamon was not dedicated to Zeus, as most people believe, but to Athena. He (as M. Kunze) argues that the sanctuary of the most important goddess of Pergamon is very near to the Altar and seems to be related with the temple of Athena. Seiterle rejects the opinion of some people who think that the sacrificing of bulls indicates the dedication of the Altar to Zeus. He uses Hellenistic coins and "Greek imperials" of Pergamon to show that the Pergamenes sacrificed bulls to the Athena of Pergamon. (Johannes Nollé)

- 78** ŠELDAROV, NIKOLA and VICTOR LILČIT. *Krlevite na antička Makedonija i nivnite vo Republika Makedonija* [Kings of ancient Macedonia]

and their coins in the Republic of Macedonia]. Skopje, Makedonska Civilizacija 1994. 270 pp. illus.

The authors outline the history and monetary issues of the kings of ancient Macedonia and of Macedonia under Roman rule, and map finds of such coins within the area of the Former Yugoslav Republic of Macedonia, with extensive footnotes. Attention is given to issues of coins with Macedonian motifs by Audoleon of Paeonia, Monunios of Illyria, the city of Lychnidos (Ohrid), and others, as well as 2nd century B.C. issues of Paeonia as a Macedonian territory. (Charles B. Smith, Jr.)

79 SOKOLOVSKA, VIKTORIJA. The Coinage of Agrianes. *Macedonian Numismatic Journal* 2 (1996) pp. 13-22. Macedonian summary.

The author proposes that the minor coinages of May's Coinage of Damastion (Pelagia, Daparría, Sarnoa, Darado, Tenestini, Nicharchus and Simonos) be considered coins of towns and rulers of the Paeonian tribe of the Agrianes struck in the mint of Damastion. The latter mint is identified with epigraphic references to Municipium DD (interpreted as Damastion Dardanorum) near Sočanica in northern Kosovo. (Charles B. Smith, Jr.)

80 *Sylloge Nummorum Graecorum. Italia. Sassari Museo Archeologico "G.A. Sanna" 1 - Sicilia - Numidia.* Milan, F. Guido 1994.

81 TALMAȚCHI, GABRIEL. Noi descoperiri monetare în satul Adâncata, jud. Constanța [New Coin Discoveries from Adâncata, Constanța County]. *Pontica* 27 (1994) pp. 231-33 illus. English summary.

Two Histrian didrachms (4th century B.C.) and a bronze coin of Alexander the Great were discovered at Adâncata, Constanța county-Dobroudja. Both are now in the Constanța museum. (Constantin Preda)

82 TORBÁGYI, MELINDA. Keltische Münzprägung im Gebiet Ungarns. *NZ* 104/105 (1997) pp. 7-17 illus.

The author describes the Celtic coins found in the area of Hungary, both in terms of precise classification and the latest dating. (Günther Dembski)

83 UJES, DUBRAVKA. A tetradrachm-subaeratus of the Paeonian King Patraos found at Risan. *Macedonian Numismatic Journal* 2 (1996) pp. 23-32. Macedonian summary.

Described is a silver-plated piece bearing features of the tetradrachms of Patraos but unique both among official issues and known counterfeits. Despite being plated bronze, the author characterizes the piece as closer to official issues than to known barbarian imitations. The piece was found in 1977 near the site of ancient Rhizon/Risinium in modern Montenegro. (Charles B. Smith, Jr.)

- 84** VASILOPOULOU, VIVI. Ta attika tetradrachma stathmia [Attic tetradrachms (Weight Standards)]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 41-48.

The tetradrachm is a multiple of both the drachma-coin and the drachma-weight, the basic unit of the Attic system of weights, which has four main subdivisions—the talent, the mina, the drachma and the obol. These were interrelated in such a way that any change in the value of one unit inevitably influenced the value of the others. The weight of the tetradrachm was, of course, four times that of the drachma, which in turn was directly dependent upon the weight of the mina, and followed its fluctuations. The tetradrachm standard-weights are usually lead plaques with four vertical lines or the Greek letter tau on its side repeated four times, the drachma being denoted by a single such sign. (Mando Oeconomides)

- 85** VILLARONGA, L. Les dracmes ibériques d'Étokisa. *Acta Num* 26 (1996) pp. 55-66.

- 86** VISONÀ, PAOLO. The Chronology of Issa's Early Hellenistic Coinage. 1. *Međunarodni numizmatički kongres u Hrvatskoj: Zbornik radova* (Opatija 1995) pp. 149-60. Croatian summary.

The author reviews his 1974 conclusions regarding the dating of the coinage of Issa (modern Vis) on the basis of new coin finds and archaeological research. Positing the foundation of the colony shortly after 344 B.C., he places the earliest civic issues after ca. 330 B.C. Considering the dating and context of overstriking, he argues that it demonstrates sufficient international trade to yield a steady supply of foreign bronze coinage, rather than indicating isolation and a lack of local resources. (Charles B. Smith, Jr.)

- 87** VISONÀ, PAOLO. Carthage. A Numismatic Bibliography. E. Acquaro and S. Perignotti, eds., *Studi di Egittologia e di Antichità Puniche* 13 (1994).

This bibliography lists over 466 titles with commentary by the author, covering coins found at Carthage from earliest excavations to the most recent. (Khaled Ben Romdhane)

- 88** WEILLER, RAYMOND. Le début de la circulation monétaire en pays trévière (supplément). *Hémecht* 4 (1996) pp. 559-67 illus.

The find spots of several new specimens and other considerations confirm the attribution of the Celtic stater of the Hesperange type to the Treveri. (Author)

- 89** WEISER, WOLFRAM and HANNAH M. COTTON. "Gebt dem Kaiser, was des Kaisers ist..." Die Geldwährungen der Griechen, Juden,

Nabatäer und Römer im syrisch-nabatäischen Raum unter besonderer Berücksichtigung des Kurses von Sela'/Melaina und Lepton nach der Annexion des Königreiches der Nabatäer durch Rom. *ZPE* 114 (1996) pp. 237-87.

90 WERNER, HANSJÜRGEN. Der keltische Goldstater von Käfering bei Regensburg. *Beiträge zur Archäologie der Oberpfalz* 1 (Büchenbach, Verlag Dr.Faustus 1997) pp. 253-56 illus.

A Celtic imitation of a gold stater of the Macedonian king Philip found in Bavaria is presented. (Peter Ilisch)

91 YEIVIN, Z. Haifa—Qir Ha-Orvim. *Hadashot Arch* 106 (1996) pp. 26-27. In Hebrew.

Seven coins of Ptolemy II were found. (Arnold Spaer)

For additional references to Greek numismatics, see the following abstracts:

General, no. 11

Technology and Methodology, no. 28

Roman, nos. 129, 134

Near and Middle East, no. 190.

ROMAN

92 ABU REA, R. Jerusalem—The Third Wall. *Hadashot Arch* 106 (1996) pp. 130-34. In Hebrew.

A coin of Agrippa I was found embedded in the wall. In another excavation area, 3 coins were found including a Herodian issue and a Byzantine minima.

(Arnold Spaer)

93 ALTHOFF, RALF. *Sammlung Köhler-Osbahr, Bd. IV. Römische Münzen*. Duisburg, Stadt Duisburg, Kultur- und Stadthistorisches Museum 1997. 246 pp. illus. ISBN 3-82279-529-0.

The catalogue provides descriptions of 2147 Roman coins and imitations. More than 1250 pieces are illustrated. A foreword and a brief introduction provide general information. (Author)

94 ANON. Fulvius Hannibalianus. *The Anvil* 7 no. 3 (1997) pp. 27, 29, 30 illus.

The history and family connections of this short-lived ruler who had the unusual title of *rex* are given. Two of his coins from the Constantinople mint are described, both depicting the personification of the Euphrates. (Robert I. Gait)

95 ARDEVAN, RADU. Monetăria provincială de la Sarmizegetusa [The Provincial Mint at Sarmizegethusa]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 117-22. French summary.

The author comments on the mint location of coins with the legend *Provincia Dacia*. Until now they have been associated with the mint of *Viminacium*. Detailed analysis of the coins allows us to consider that this mint was located at *Ulpia Traiana Sarmizegetusa*. (Constantin Preda)

96 AREVALO GONZALEZ, A. and C. MARCOS ALONSO. Dos reacuñaciones roman-republicanas sobre moneda hispánica. *MDAI(M)* 38 (1997) pp. 67-74 illus.

Two Republican asses found at Cáceres el Viejo (Cáceres) and Torelló d'en Cintes, Mahón (Menorca) were overstruck on bronze coins of Obulco. This seems to have happened for Roman military payments in Spain during the Sertorian Wars (late 80's and 70's B.C.). (Hans R. Baldus)

97 ARONSHTAM, A. and G. BIJOVSKY. A Byzantine Church at Khirbet Hamad. *Atiqot* 32 (197) pp. 177-82. In Hebrew; English abstract pp. 49-50*.

Two late 4th century A.D. Roman coins were found at this site east of Hebron.

(Arnold Spaer)

98 ARSLAN, E.A. Monete Axumite di Imitazione nel Deposito del Cortile della Sinagoga di Cafarnao. *LibAnn* 46 (1996) pp. 307-16 illus.

Among more than 20,000 coins excavated at Capernaum on the north shore of the Lake of Galilee, 21 were Egyptian imitations of Axumite copper coins of the late 4th and the 5th centuries A.D. These coins were apparently, like most of the other coins, votive deposits in the synagogue. (Arnold Spaer)

99 BARUCH, Y. and G. BIJOVSKY. A Site of the Early Roman and Byzantine Periods at ed-Deir, Hebron. *Atiqot* 32 (1997) pp. 109-17 illus. In Hebrew; English abstract p. 44*.

Eight coins were found in excavations at this site: one of Alexander Jannaeus, 2 of Herod, one of the Procurator Ambibulus, and unidentified prutah, 2 5th-century A.D. issues, and a Mamluke silver dirhem. (Arnold Spaer)

100 BAUMAN, V.H. *Asezări rurale antice în zona gurilor Dunării-sec. I-IV p. Chr [Rural Ancient Settlement nearby Danube Delta]*. Tulcea 1995.

Several coins were discovered during excavation of 1st-4th century Roman settlements and villas in northern Dobroudja between 1983 and 1993. Excavations at Telița-Amza have produced a bronze of Callatis, 111 Roman imperial coins from the 1st through 4th centuries and a Byzantine bronze coin of Michael IV; three bronze and one silver imperial coin (1st-4th centuries) and one Greek Imperial struck for Septimius Severus were found at Sarichioi; a bronze of Hadrian and a Histrian bronze for Gordian III and Tranquillina were found at the village of Revărsarea; and the Roman villa at Valea Morilor produced 84 coins from Aurelian to Procopius, a silver coin of Prusias II-Bythinia, a silver coin of Faustina II and two Greek Imperial coins.

(Constantin Preda)

101 BECKMANN, MARTIN. Classicism to Abstraction: Roman Coin Portraiture in the Third Century. *The Picus* 1993 pp. 78-91 illus.

The changes in artistic style of the third century A.D. from Septimius Severus to Diocletian are traced through portraits on coins. The reason for these changes is attributed to new philosophies and outlooks rather than the advent of Christianity or a decline in technical skills.

(Robert I. Gait)

102 BENÏCHE, NADIA LAROUSSI. *Catalogue des monnaies romaines tardives trouvées au nord de l'Oued Loukos*. Institut National des Sciences de l'Archéologie et du Patrimoine 1993.

The author studies 160 Roman coins, mostly bronze (1 gold and 1 silver), found in northern Morocco (Musée de Larache, Musée de Tétouan, Musée de la Kasba, Tanger) in the context of the departure of the last Roman soldiers in A.D. 384.

(Khaled Ben Romdhane)

103 BORIĆ-BREŠKOVIĆ, BOJANA. Nalaz denara iz Malog Suvodola [Hoard of Denarii from Mali Suvodol]. *Numizmatičar* 18/19 (1996) pp. 43-51 illus. English summary.

Catalogued and illustrated are 20 Roman denarii, from Trajan to Commodus, believed to have been part of a larger hoard found buried in a pottery vessel in 1957. The burial took place on the Viminacium-Horreum Margi-Naissus-Remesiana-Serdica road, on the Thracian side of the border with Dardania, and may have been connected with thieves against whom Marcus Aurelius organized cohorts, called Aurelia, to protect travellers.

(Charles B. Smith, Jr.)

104 BOTEVA, DILYANA. The Coinage of Histria for Septimius Severus and his Family. *Pontica* 27 (1994) pp. 235-36.

105 BRACE, BRUCE R. The "Bead and Reel" Denarius of C. Vibius Pansa. *The Picus* 1993 pp. 68-77 illus.

The rare variant described here as the 'bead and reel' design consists of oval pellets interspersed with short lines or slashes instead of the usual border of dots. Only seven coins of this type are recorded, and all are described here; six have no die marks or symbols on the obverse but the seventh has a star. Speculation suggests that these might be from a small initial issue, but as demand increased for more coins, the engravers resorted to the less time-consuming border of dots. (Robert I. Gait)

106 BRACE, BRUCE R. Names on Roman Republic Coins. *The Anvil* 7 no. 3 (1997) pp. 25-27 illus.

In addition to the formal family names, the layouts and forms of names related to adoption, merit or honors, and inherited nicknames are included. (Robert I. Gait)

107 CANTO, ALICIA M., ANA BEJARANO and FELIX PALMA. El Mausoleo del Dintel de los Ríos de Mérida, Revve Anabaraecus y el culto de la confluencia. *MDAI(M)* 38 (1997) pp. 247-94 illus.

Representations of river gods and religious monuments on early imperial bronze coins of the Colonia Emerita are mentioned and illustrated in this article.

(Hans R. Baldus)

108 CHRISTIANSEN, ERIK. Nero's Alexandrian Coinage revisited. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 92-96.

The author adds remarks and corrections to his earlier studies of Alexandrian coins.

(Ulla Westermarck)

109 CRNOBRNJA, NIKOLA A. Filijala rimske kovnice novca u Sirmiumu iz vremena cara Galijena 265/266. godine [A Roman mint workshop in Sirmium in 265-266, during the time of Emperor Gallienus]. *Numizmatičar* 18/19 (1996) pp. 71-76. English summary.

A. Alföldi theorized a temporary mint officina at Sirmium to explain fairly rare issues of Gallienus with the markings S-P and P-II. The author describes a massive 1916 find close to Sirmium, which included 8 S-P and 9 P-II issues, as supporting Alföldi's position. Other issues of Gallienus in the hoard were 1664 pieces of the Rome mint, 234 of Mediolanum, 323 of Siscia and 30 of mints in Asia Minor. The pieces attributed to Sirmium are 1st emission, end A.D. 265: GALLIENVS AVG/VICTORIA AET S P (8 pieces); second emission, beginning A.D. 266: GALLIENVS AVG/PROVID AVG P II (7 pieces), GALLIENVS AVG/PROVIDENT AVG P II (one example), and SALONINA AVG/PIETAS AVG P II (one example).

(Charles B. Smith, Jr.)

110 CRNOBRNJA, NIKOLA. *Novac provincije Dakije u zbirci Svetozara St. Dušanića [Coins of the province of Dacia in the collection of Svetozar St. Dušanić]*. Belgrade 1993. xiii+45 pp. illus. Text (except foreword and catalogue notations) in Serbian and English.

This is the second of three projected catalogues of the Dušanić collection (Viminacium was issued in 1976 and Stobe is in preparation). The author reviews the 11-year coinage with particular attention to chronological problems and the location of the mint. He argues against the conclusion of Alföldi and Martin that the series was produced in Viminacium, noting in particular the difficulties of transporting large quantities of coins to the chief towns of Dacia, rather ascribing them to an as yet unidentified mint within Dacia.
(Charles B. Smith, Jr.)

111 CUTRONI TUSA, ALDINA. L'impiego dei termini *apoikia* e *katoikia* nell'ambito della Sicilia romana. La documentazione numismatica. *Kokalos* 41 (1995) pp. 363-74 illus.

In discussing the juridical status of the Roman colonies of Sicily from the Augustan age, the author offers a list of magistrates appearing on legends on Sicilian coins.
(A. Carignani)

112 DUMITRASCU, AUREL. O poşculiştă cu denari romani imperiali descoperită la Râmnicul Vâlcea [A Money Box with Roman Imperial Denarii discovered at Râmnicul Vâlcea]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 95-103 illus. French summary.

In 1975, a money box with 23 denarii of Trajan (8), Hadrian (3), Antoninus Pius (8) and Marcus Aurelius (4) was discovered at Râmnicul Vâlcea. The find spot is 7 km. from the Roman Buridava. The hoard was probably buried due to the Marcomanic wars or a Sarmatian attack.
(Constantin Preda)

113 ESTIOT, SYLVIANE. *Ripostiglio della Venèra. Nuovo Catalogo Illustrato. Aureliano vol. II/1*. Rome, L'Erma di Bretschneider 1995. 270 pp. illus.

In this volume, one of five dedicated to the publication of the 47,000 coins comprising this very rich hoard found near Verona in 1876, are published 10,843 antoniniani, aureliani and denarii struck during the reign of Aurelian (A.D. 270-75).

(A. Carignani)

114 GABUCCI, ADA. Una necropoli romana presso Almese. *Quaderni della Soprintendenza Archeologica del Piemonte* 14 (1996) pp. 75-88 illus.

The author publishes the contents of some tombs in use between the Flavian period and the 4th century A.D. Among them are numerous coins of various periods,

among them, in particular, 3 bronzes of Maximian Herculus and one of Galerius Maximianus from the latest of the burials. (A. Carignani)

115 GAL, Z., K. COVELLO-PARAN and G. BIJOVSKY. Excavations at Afula, 1989. *Atiqot* 30 (1996) pp. 25-67 illus.

During excavations at this site in Lower Galilee four coins were found: Gallienus (*RIC* V, 1 p. 185, 611), Diocletian (*RIC* VI p. 531, 13-16 and p. 621, 60(a)) and Maximianus (*RIC* VI p. 581, 15-19). (Arnold Spaer)

116 GARCIA GARRIDO, M. Acerca de unos divisores hispánicos relacionados con el victoriato. *Acta Num* 26 (1996) pp. 67-75.

117 GARZON BLANCO, A. Las acuñaciones relacionadas con le Legio VII Gemina. *GacNum* 126 (1997) pp. 7-13.

118 GIARD, JEAN-BAPTISTE. *Ripostiglio della Venèra. Nuovo Catalogo Illustrato. Gordiano III-Quintilio vol. 1.* Rome, L'Erma di Bretschneider 1995. 139 pp. illus.

This volume contains the 11,077 pieces struck in the names of the emperors Gordian III to Quintillus. They reflect the important presence of the army in defending the empire's borders in the course of the 2nd and 3rd centuries.

(A. Carignani)

119 GÖBL, ROBERT. Von Wesen und Wirkung der römischen Münze. *NZ* 104/105 (1997) pp. 19-30 illus.

In this article the author presents the background of Roman monetary and financial policy, its scope, its propagandistic character, and also its unique quantity and range in a complete history from a numismatic point of view. (Günther Dembski)

120 GODOVITZ, S. Mazor 1993-96. *Hadashot Arch* 106 (1996) pp. 82-85. In Hebrew.

A late issue of Constantine the Great struck in Antioch was found at this site about 20 km. east of Jaffa. (Arnold Spaer)

121 GORINI, GIOVANNI. Un ripostiglio di bronzi di terzo secolo d.C. da Camin (Padova). *Archeologia Veneta* 15 (1992) pp. 95-100 illus.

From this hoard, discovered in 1925, originally consisting of 1081 bronze coins and later dispersed (there remains a single coin at the Museo Bottacin in Padua), the author reconstructs its composition based on archival documents. The pieces range from the time of Germanicus to that of Septimius Severus. The author proposes a

burial date a bit later (A.D. 260) on the basis of the condition of the Severan coins and some historical considerations. (A. Carignani)

122 GUDOVITCH, S. A Late Roman Burial Cave of Motza 'Illit. *Atiqot* 29 (1996) pp. 63*-70* illus. In Hebrew; English abstract pp. 111-12.

Salvage excavations at this site about 10 km. west of Jerusalem yielded a coin of Alexander Jannaeus, and unidentified city coin with two countermarks and a copper coin of Julian II (Apian rv). (Arnold Spaer)

123 HARPAZI, O. and E. AYALON. Tel Qasile. *Hadashot Arch* 106 (1996) p. 77. In Hebrew.

At this site in North Tel Aviv 4 Roman coins were found, including one of the 3rd century A.D., one of Constantine I, and one of Theodosius I. (Arnold Spaer)

124 HAUPT, PETER and MICHAEL NICK. Ein neuer Münzschatz mit Denaren der Eravisker aus der Gened von Gör (Ungarn). *NZ* 104/105 (1997) pp. 41-81 illus.

From illegal excavations in the area of Györ (Hungary) comes a hoard of denarii of the Eravisker. The authors present a scholarly publication of part of it with appropriate commentary. (Günther Dembski)

125 JANZEN, ERNEST P. A Numismatic Compass for the Troubled Waters of the New Testament Apocalypse. *The Picus* 1993 pp. 98-138.

The text of this paper is accompanied by extensive, detailed footnotes and references. The numismatic thrust compares the imperial propaganda depicted on the coinage of Domitian, which in itself is unique, with the language and images used in the Apocalypse. The author suggests that in the language of the Apocalypse the Roman imperium can be regarded as "the enemy". (Robert I. Gait)

126 KOENEN, ULRIKE. Symbol und Zierde auf Diadem und Kronreif spätantiker und byzantinischer Herrscher und die Kreuzaffindungslegende bei Ambrosius. *JB Antike und Christentum* 39 (1996) pp. 170-99 illus.

Late Roman and Byzantine imperial crowns (diadems) usually were adorned with central gems. From about the middle of the 5th century on in military context apotropaic (crosses or) nails from the Holy Cross, instead, seem to be represented. According to St. Ambrose such a diadem had been given by St. Helen to her son, Constantine the Great, and this custom is imitated here. Later Byzantine representations of other saints adorning imperial crowns by gifts of pearls or gems have to be separated from the representations mentioned above. (Hans R. Baldus)

127 KÖHEGYI, MIHÁLY and GABRIELLA VÖRÖS. A madarasi temető római pénzei. [Roman coins of the Madaros cemetery] I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp.183-89. German summary.

Between 1963 and 1975, 635 graves were excavated in the Sarmatian cemetery in Madaros. Excavations yielded 78 Roman coins from Nero's reign to 340.

(Melinda Torbágyi)

128 KÖNIG, INGEMAR. Die Postumus-Inschrift aus Augsburg. *Historia* 46 (1997) pp. 341-54 illus.

From combined epigraphic and numismatic sources a hypothetical chronology of the consulates of the emperor Postumus (A.D. 260-69) is given (p. 347). As a desideratum of future research a new collection and interpretation of coin hoards of Postumus, especially those from upper Germany and Raetia, is mentioned (pp. 353 ff.).

(Hans R. Baldus)

129 KONRAD, MICHAELA. Frühkaiserzeitliche Befestigungen an der Strata Diocletiana? Neue Kleinfunde des 1. Jahrhunderts n. Chr. aus Nordsyrien. *Damaszener Mitteilungen* 9 (1996) pp. 163-80.

Among early finds from the Syrian Qaşair as-Saila (ancient Tetrapyrgium castle) near Soura at the Euphrates were some late Hellenistic and early imperial coins (list pp. 177 ff.).

(Hans R. Baldus)

130 KREMYDI-SICILIANOU, SOPHIA. Apokrypsi "Thesauron" se Katastasi Ektaktis Anagis [The Concealment of Hoards in Times of Crisis]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 123-38.

The hoards of bronze coins from imperial times from Macedonia all date—if one excludes those in tombs—from the reigns of Gordian III (238-44), Philip the Arab (244-49) and Gallienus (253-68). These years coincide with a particularly disturbed period in the Balkans, during which the area was systematically raided by German tribes. These raids were the apparent cause of the concealment of the emergency hoards under examination, which in some cases can be linked with specific historical events. To these is added an unpublished hoard from the reign of Gallienus, which comes from Macedonia and which is presented in detail for the first time in this article.

(Mando Oeconomides)

131 KROMANN, ANNE. The Last Adoptive Emperor's Descendants. *The Picus* 1994 pp. 79-94 illus.

A translation by Dorte Brace of an article that appeared in *NNUM* 5 (1979) is published with permission

(Robert I. Gait)

132 LEHNEN, JOACHIM. *Adventus Principis. Untersuchungen zu Sinngehalt und Zeremoniell der Kaiserankunft in den Städten des Imperium Romanum*. Frankfurt a.M./Berlin/Bern/New York/Paris/Vienna, Peter Lang Verlag 1997. 421 pp. illus.

This comprehensive study collects the evidence (including the coins) and discusses the meaning of the imperial adventus. (Johannes Nollé)

133 LOOMIS, WILLIAM T. The Introduction of the Denarius. Robert W. Wallace and Edward M. Harris, eds., *Transitions to Empire: Essays in Greco-Roman History, 360-146 B.C., in honor of E. Badian* (Norman, Oklahoma 1996) pp. 338-55.

A review of the numismatic evidence for the earliest denarii (links with sextantal bronze *asses*, overstrikes on both bronze and silver coins, and hoard evidence) leads to the conclusion that the denarius was introduced sometime between 215 and 211 B.C.—a slightly broader range than Crawford's date of 211 (*Roman Republican Coinage*, Cambridge 1983, p. 35). The new silver denarius was introduced for three reasons: (a) to stabilize the previously segregated silver (didrachm) and bronze coinages, both of which had been seriously debased in the early years of the Second Punic War; (b) to unify those coinages for the first time in Rome's history, at an explicit exchange rate (1 denarius = 10 sextantal bronze *asses*), since it no longer was practical for Rome to have bronze coins for domestic use and (uncertainly related) silver coins for foreign commerce; and (c) to facilitate the use of both coinages with each other in the decimal system of Roman numerals (the old didrachm would have been worth 15 sextantal *asses*, the old drachm 7.5). (Author)

134 *Lo sguardo di Roma. Ritratti dalle province occidentali dell'impero romano dai Musei di Merida, Toulouse e Tarragona*. Exhibition catalogue. Rome 1996.

In this exhibit are some silver coins depicting Alexander the Great, Mithridates, Cleopatra, and several gold coins with portraits of Roman emperors. (A. Carignani)

135 MACALUSO, ROSALIA. Il tesoretto di denari da Bagheria (Palermo): RRCH 523. *Kokalos* 41 (1995) pp. 271-337 illus.

The author reconstructs the composition of this hoard found in 1915 and acquired by the Muso Antonio Salinas at Palermo. It contains 318 denarii from between 133 B.C. and A.D. 12. (A. Carignani)

136 MACALUSO, ROSALIA. *Palermo Museo Archeologico Regionale Antonio Salinas. La collezione numismatica: dalle prime emissioni del denario al periodo augusteo* (BollNum 22-23). 1994. 382 pp. illus.

The author reconstructs the history of the collection of the coin cabinet of the Museo Archeologico at Palermo and its various phases and then discusses the significance of the presence and circulation in Sicily of coins struck in the mints of Rome and Italy between the 3rd century B.C. and the Augustan age. The last part of the volume is devoted to a full catalogue of Republican coins preserved in the collection.
(A. Carignani)

137 MANUCU-ADAMESTEANU, MIHAELA and GH. POENARU BORDEA. Mărturii numismatice privind locuirea antică de pe teritoriul satului Sălchioara, com. Unirea, jud. Tulcea [Numismatic Arguments Regarding the Ancient Settlement from Sălchioara, Unirea, Tulcea County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 121-31. French summary.

The following coins were discovered at Sălchioara, Tulcea county-Dobroudja: one silver of Otho, one silver of Vespasian, one bronze of Trajan, one bronze of Elagabalus, one bronze of Dionysopolis-Gordian III, one bronze of Licinius II, one bronze of Constantius Gallus, one bronze of Valentinian I and one bronze of Maurice Tiberius.
(Constantin Preda)

138 MIHAILESCU-BIRLIBA, V. Moneda și datarea complexelor arheologice [Coins and Dating of Archaeological Sites]. *Carpica* 23/1 (1992) pp. 193-96.

Based on coin finds from the period of the Daco-Roman wars, of the Roman conquest of Dacia and from the Carpathic regions, the author argues that silver coins cannot definitively be used for chronological purposes.
(Constantin Preda)

139 MIHAILESCU-BIRLIBA, V. Römische Münzen östlich der Provinz Dazien im 2-3.Jh.u.Z. *ArhMold* 17 (1994) pp. 69-73.

The author presents general comments on finds of imperial coins from the second and third centuries from the region of eastern Carpathia. Fifty-three hoards have been found, containing 10,452 coins. Of these hoards, there are 14 each for Marcus Aurelius, Commodus and Septimius Severus, 7 from Antoninus Pius, 1 of Caracalla, and 3 of Severus Alexander. Most scholars believe that the hoards were brought to the eastern Carpathic Dacians as stipendia. Commercial exchanges are not totally excluded, at least for some of them.
(Constantin Preda)

140 MUNZI, MASSIMIANO. Lo scavo presso le arcate severiane. Primi risultati. Le monete. A. Augenti, *Il Palatino nel Medioevo. Archeologia e Topografia (secoli VI-XIII)* (Rome, L'Erma di Bretschneider 1996) pp. 173-76.

The author publishes 27 coins, mostly from the 4th century A.D., found on the Palatine in the course of excavations. A consistent nucleus is composed of nummi from the Constantinian era (A.D. 318-48).
(A. Carignani)

141 NOVÁK, MIRKO and CHRISTIANE RÖMER. Zwei Beinidole aus partherzeitlichen Gräbern in Tall Šeh Hamad. *Damaszener Mitteilungen* 9 (1996) pp. 181-95 illus.

On p. 189 a coin (dated A.D. 33) from grave 92/25 is mentioned but not identified.
(Hans R. Baldus)

142 OCHESEANU, RADU. Patru greutăți de cântar descoperite în Dobrogea [Four weights discovered in Dobroudja]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 249-52 illus. French summary.

Two Roman weights were discovered at Dunăreni-Sacidava and two others were found at Iglița-Troesmis. The latter (1/2-livra weights) are from the Romano-Byzantine period.
(Constantin Preda)

143 PAVEL, VIORICA and V. MOGA. Descoperiri monetare în castrul de la Apulum [Monetary discoveries from the Roman Camp at Apulum]. *Apulum* 32 (1995) pp. 251-56 illus. French summary.

During archaeological excavations between 1968 and 1977 in the Roman camp at Apulum (Alba Iulia), 27 Roman imperial coins were discovered. These include issues of Vespasian (1 silver coin), Trajan (1 bronze), Hadrian (3 bronze, 1 silver), Sabina (2 silver), Marcus Aurelius (1 silver), Septimius Severus (1 silver), Iulia Domna (1 silver), Caracalla (1 silver), Geta (1 silver), Elagabalus (1 silver), Iulia Soemias (2 silver), Severus Alexander (2 silver, 9 bronze), Iulia Mamaea (3 silver), Gordian III (1 bronze), Philip I (1 bronze) and 3 illegible coins.
(Constantin Preda)

144 PETAC, EMANUEL. Descoperiri inedite de monede antice și bizantine [New Discoveries of Ancient and Byzantine Coins]. *BSNR* 86-87 (1992-93, publ. 1996). French summary.

The author publishes a bronze Macedonian coin of the 2nd century B.C. found at Pitești; a Republican denarius from Limanu (Dobroudja); 12 imperial bronze and silver coins from Buzău, Limanu, Turnu Severin, Udeni-Argeș county and Voivodeni, Arad county; 3 Greek Imperial bronzes struck at Callatis and Markianopolis from Limanu; and 2 Byzantine bronze coins of Justin I and Heraklius discovered at Limanu and Dolj county.
(Constantin Preda)

145 PETAC, EMANUEL. Un alt fragment din tezaurul de denari romani imperiali descoperit în anul 1935 la Sascut, jud. Bacău [Another fragment from the Roman Imperial Coin Hoard discovered in 1935 at Sascut, Bacău]

County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 105-8 illus. French summary.

In a private collection from Bucharest are eight Roman imperial denarii which belong to the hoard discovered in 1935 at Sascut, Bacău county, Moldavia. The coins are issues of Nero, Galba, Titus, Trajan, Hadrian, Antoninus Pius, Faustina I, Marcus Aurelius, Lucilla and Commodus-Crispina. (Constantin Preda)

146 PETAC, VIOREL. O monedă partică descoperită la Iglița, com. Turcoaia, jud. Tulcea [A Parthian Coin Discovered at Iglița, Turcoaia, Tulcea County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 309-11 illus. French summary.

A Parthian silver coin was discovered. It is a drachm struck at Ecbatana by Volgasi IV (A.D. 147-92). It probably was carried to Troesmis by a Roman soldier after the Parthian wars during the reigns of Lucius Verus and Septimius Severus.

(Constantin Preda)

147 POENARU BORDEA, GH., R. OCHESEANU and M. TUDOSIU. Două monede de aur romane târzii descoperite în Muntenia [Two Gold Late Roman Coins Discovered in Muntenia]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 315-18 illus. French summary.

Two solidi were discovered at unspecified locations south of the Carpathians (Valachia). One is a Marcian coin and the other was struck under Anastasius.

(Constantin Preda)

148 POPESCU, A. and MIHAI IONESCU. Monede grecești, romane și bizantine descoperite în Dobrogea [Greek, Roman and Byzantine coins discovered in Dobroudja]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 323-28 illus. English summary.

The authors publish several coins, as follows: one Greek Imperial bronze from Callatis for Septimius Severus, 4 late Roman bronzes, and seven Byzantine bronze coins. Many of them are from Tomis-Constanța and Troesmis-Iglița-Tulcea county.

(Constantin Preda)

149 PORATH, L. and E. STERN. Ramat Yishay. *Hadashot Arch* 106 (1996) pp. 44-47. In Hebrew.

Excavations at this Lower Galilee site yielded a coin of Constantius II.

(Arnold Spaer)

150 PEDA, CONSTANTIN. Tezaurul monetar roman imperial de la Pădurețu, jud. Vâlcea [The Roman Imperial Coin Hoard from Pădurețu,

Vâlcea County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 109-15. French summary.

In 1955 a hoard containing 4942 denarii, issues from Nero to Elagabalus, was discovered at Pădurețu, Vâlcea county-Olteny. Most of the coins belong to Septimius Severus, Caracalla and Geta. Elagabalus is represented by only 18 denarii, issues from A.D. 218-22, when the hoard was buried. Burial was probably provoked by the Sarmatians. (Author)

151 RAŠKOVIĆ, DUŠAN. Ostava rimskih denara sa lokaliteta Crnokalačka Bara [Hoard of Roman Denarii from Crnokalačka Bara]. *Numizmatičar* 18/19 (1996) pp. 53-70 illus. English summary.

A hoard of 81 denarii, described and catalogued in this article, was acquired in 1959 by the Kruševac City Museum. Found about 20 kilometers northeast of the city, it includes issues of rulers from Nero to Lucius Verus, plus one each of Caracalla and Severus Alexander. While difficult to date, the hoard may have originated during the reign of Severus Alexander or in a period of frequent barbarian invasions during the reign of Maximinus I. (Charles B. Smith, Jr.)

152 SCHACHINGER, URSULA. Die Reisen des Kaisers Hadrian nach Aussagen der Münzbilder. *NZ* 104/105 (1997) pp. 83-108 illus.

The author discusses the numismatic, literary and other evidence in relation to coins of the emperor Hadrian that refer to his numerous journeys. (Günther Dembski)

153 SCHMIDT-DICK, FRANZISKA. *Le monete romane nel Medagliere di Castelvechio a Verona*. Österreichische Akademie der Wissenschaften. Veröffentlichungen der Numismatischen Kommission 30. Vienna 1995. 704 pp. illus. In German and Italian.

This catalogue contains over 19,000 coins. (A. Carignani)

154 SCHÖNERT-GEIß, EDITH. Stadtansichten auf antiken Münzen. *Das Altertum* 42 (1997) pp. 181-85.

The city-views of Eryx, Nikaia, Bizye and Markianopolis are described. (Author)

155 SEIBERT, JAKOB. *Hannibal: Feldherr und Staatsmann*. Zaberns Bildbücher zur Archäologie/Sonderhefte der Antiken Welt. Mainz, Philipp von Zabern 1997. iv + 77 pp. illus. ISBN 3-8053-1800-6 and 3-8053-1776-X.

A series of coins (usually enlarged) from all over the Hellenistic world and from Roman Republican and Imperial times is used for illustration and commented on.

(Hans R. Baldus)

156 SELIGMAN, J., J. ZIAS and H. STARK. Late Hellenistic and Byzantine Burial Caves at Giv'at Sharet, Beth Shemesh. *Atiqot* 29 (1996) pp. 43-62 illus.

Finds in excavations at this site 23 km. west of Jerusalem included three 4th century A.D. Roman copper coins: Licinius I/Antioch, Gratian/Antioch and Arcadius/Constantinople. (Arnold Spaer)

157 SIMION, GAVRILA. Ensemble funéraire de la nécropole tumulaire de Noviodunum-Isaccea. *Dacia* N.S. 38-39 (1994-95) pp. 121-49 illus.

The following coins were discovered in Tomb X of the Roman cemetery at Noviodunum Isaccea (Tulcea county, Dobroudja): 1 bronze of Amissous (85-83 B.C.), 1 bronze of Antoninus Pius, 3 Greek Imperial coins (struck under Caligula, Hadrian and Antoninus Pius), 1 bronze of Faustina I, 1 bronze from Cyzicus struck for Marcus Aurelius, and 1 bronze of Faustina II. (Constantin Preda)

158 SMARANDA, AURICA. Două monede emise la Markianopolis descoperite la Tomis [Two Markianopolis coins discovered at Tomis]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 313-14 illus. French summary.

Two Greek Imperial coins issued at Markianopolis for Severus Alexander were discovered at Tomis (Dobroudja). (Constantin Preda)

159 SPEHR, REINHARD and PAUL ARNOLD. Ein spätrömischer Münzschatz von Jesau bei Kamenz. *Archäologie aktuell im Freistaat Sachsen* 4 (1996, publ. 1997) pp. 103-108 illus.

The hoard contained 462 small bronzes and 14 fragments ranging from Gallienus to Valens and Gratianus. (P. Arnold)

160 SUCIU, VIORICA and ANA HOPARTAN. Considerații referitoare la un prezumtiv tezaukr descoperit la Potaissa [Some Considerations of a possible coin hoard discovered at Potaissa]. *Apulum* 32 (1995) pp. 257-68 illus. German summary.

During excavation of the camp at Potaissa-Turda (Transylvania), 43 imperial coins from Vespasian to Severus Alexander were discovered. Most belong to Septimius Severus (10) and Severus Alexander (12), with the other emperors represented by only one or two coins. The hoard was probably buried not long after A.D. 231, when the latest coin in the hoard was struck. (Constantin Preda)

161 TAMEANKO, MARVIN. The Uncia of Hadrian: A Numismatic Enigma. *The Anvil* 7 no. 4 (1997) pp. 37-41, 45 illus.

This article suggests an alternative interpretation of the small bronze coins of Hadrian, found in the eastern parts of the empire, listed in most references as an *uncia*. Several theories have been proposed: They may have been related to Hadrian's "mining tokens"; possibly seals to indicate pre-paid taxes on certain commodities; tokens, similar in nature to tesserae, given to people in eastern cities eligible to receive free grain; they could have been identification badges used by imperial couriers or spies; or simply gaming tokens. Because of their precise weight of one gram, Tameanko proposes another possibility, that they were used as weights for the accurate measurement of small amounts of precious items, like gold, gemstones, incense, medicinal spices, etc. *(Robert I. Gait)*

162 TEICHNER, FELIX. Die römischen Villen von Milreu (Algarve/Portugal). Ein Beitrag zur Romanisierung der südlichen Provinz Lusitania. *MDAI(M)* 38 (1997) pp. 106-62 illus.

The author catalogues and comments on 141 coins found during the German excavations at Milreu. From 87 ancient coins (mainly Roman Imperial, 1st-4th centuries A.D.) and 44 medieval to modern ones (mainly Portuguese, 13th-20th centuries), some interesting specimens are selected for illustration. *(Hans R. Baldus)*

For additional references to Roman numismatics, see the following abstracts:

General, nos. 13, 20

Technology and Methodology, no. 27

Greek, nos. 49, 55, 63, 64, 66, 67, 71, 78, 89

Byzantine, nos. 165, 179

Near and Middle East, nos. 190, 192.

BYZANTINE

163 ABU 'ASSAF, 'ALI. Die Kleinfunde aus 'Ain Dara. *Damaszener Mitteilungen* 9 (1997) pp. 47-111 illus.

A hoard of 80 Byzantine electrum scyphati (4.3 gm), found in 1983, is described. Each of the 6 different types represented (Isaac Comnenus, 1057-59, to Michael VII Ducas, 1071-78) is illustrated by an enlarged specimen. *(Hans R. Baldus)*

164 ARIEL, D.T. A Hoard of Byzantine Folles from Qazrin. *Atiquot* 29 (1996) pp. 69-76 illus.

Excavations of the Synagogue of Qazrin on the east side of the Sea of Galilee yielded 75 folles and 7 half folles. The coins cover the period 544/5 to 607/8. They are catalogued and photographed in this article. *(Arnold Spaer)*

165 BOGAERT, RAYMOND. *La Banque en Égypte Byzantine*. *ZPE* 116 (1997) pp. 85-140.

On the basis of a few literary sources and of 192 papyri and ostraka the Late Roman and Byzantine banking system of the 4th (5th) and 6th century in Egypt is described. Coins and their ancient values, exchange rates, etc., play a certain role.

(Hans R. Baldus)

166 CALLEGHER, BRUNO. *Le monete bizantine della collezione Rodolfo di Colloredo Mels al Museo Civico di Udine*. *Udine. Gollettino della Civiche Istituzioni Culturali* 3 (1996) pp. 7-50 illus.

The author publishes 135 coins (16 gold, 7 silver, 112 bronze) struck by various Byzantine mints. The pieces range from Anastasius (492-518) to Andronicus II and Michael IX (1294-1320).

(A. Carignani)

167 CAMPANELLI, ADELE. *Il ripostiglio di Colletorto*. Gianfranco De Benedittis, ed., *San Vincenzo al Volturno. Dal Chronicon alla storia* (Isernia 1995) pp. 165-74 illus.

The author publishes a hoard found in 1941, composed of 125 Byzantine folles. They range from Constantine VII to Romanus II (10th century).

(A. Carignani)

168 FOURNET, JEAN-LUC. *Révision du P. Rein. II 107: Un papyrus de Syène de moins, un étalon monétaire de plus*. *ZPE* 117 (1997) pp. 161-70 illus.

The Egyptian papyrus (late 6th/early 7th century A.D.) mentions a "zygos peneton," an unknown "coin-standard of the poor."

(Hans R. Baldus)

169 GALANI-CRICOU, MINA. *Thiva: 10os-14os Aionas. Nomismatiki Martyria apo tin Hagia Triada* [Thebes: 10th-14th century numismatic evidence from Hagia Trias]. *Center of Byzantine Research "ΣΥΜΜΕΙ ΚΤΑ"* 11 (Athens 1997) pp. 113-50.

The author discusses the interesting medieval numismatic material from Hagia Trias west of Kadmeia, at Boeotian Thebes, where the 1st Ephoreia of Byzantine Antiquities has conducted excavations.

(Mando Oeconomides)

170 HALEILA, KH. and Z. WALLACH. *Ascalon North—Underwater and Coastal Survey*. *Hadashot Arch* 106 (1996) p. 155. In Hebrew.

"Numerous" Byzantine 40-nummia pieces of the mints of Constantinople and Nicomedia were found.

(Arnold Spaer)

171 KISS, ATTILA. "In terra nummus" - A Kárpát-medence avar kori kereskedelmi kapcsolatainak vázlata a régészeti és numizmatikai leletek tükrében. ["In terra nummus" - A sketch of commercial relations of the Carpathian region in the Avar period in light of numismatic and archaeological evidence]. *Studia Archaeologica* (Szeged) II (1996) pp. 221-45. German summary.

The Carpathian basin came under Avar control in 567/568. The Byzantine emperors paid them a sizeable sum of money, 4.5 million solidi, ca. 20 tons of gold by some estimates. The author examines what happened to the Byzantine solidi paid to the treasury of the Avar princes (kagan) between 567 and 626 and what the effect of this large sum of gold had on the foreign trade of the Avars. Some of this gold was preserved in the treasury for a long time. The beautiful Avar gold jewellery and objects were also made of these solidi and only a small part of it was used as money, especially in foreign trade.
(Melinda Torbágyi)

172 MANUCU-ADAMESTEANU, GH. Cronica descoperirilor monetare din nordul Dobrogei - VI [Chronicle of the Numismatic Discoveries from Northern Dobroudja]. *Peuce* 12 (1996) pp. 295-320 illus. French summary.

In the collection of Dorin Nicolae from Tulcea are 196 Byzantine bronze coins from the 10th-11th centuries (976-1092), issues from Basil II-Constantine VIII to the reform of Alexios I. All were discovered at Isaccea-Noviodunum. There are 49 coins from Basil II-Constantine VIII, 21 of Roman III, 23 of Constantine IX, 24 of Constantine X, 6 of Roman IV, 2 of Michael VII, 4 of Nikephoros III and 25 of Alexios I.
(Constantin Preda)

173 MANUCU-ADAMESTEANU, GH. La diffusion de la monnaie byzantine en Dobroudja aux IX-X siècles. *Omaggio a Dinu Adamesteanu* (Cluj-Napoca 1996) pp. 233-48.

The author analyzes the diffusion of Byzantine coins from the 9th-10th centuries in Dobroudja and includes diagrams and statistics documenting the evolution of Dobroudja monetary circulation in that period. The coins come from important collections from Dobroudja and Bulgaria.
(Constantin Preda)

174 MANUCU-ADAMESTEANU, GH. Din nou despre monedele bizantine turnate din sec. XI descoperite in Dobrogea [More on the molded Byzantine coins from the 11th century discovered at Dobroudja]. *Peuce* 12 (1996) pp. 321-76 illus. English summary.

The author publishes a now complete list of the over 700 molded Byzantine coins discovered in Dobroudja. They range from Constantine IX to Nikephoros III. Most were discovered in northern Dobroudja; the mint was most probably at Isaccea-Noviodunum.
(Constantin Preda)

175 MANUCU-ADAMESTEANU, GH. Monede bizantine din colectia Georgescu, sec. X-XIII [Byzantine coins from the Georgescu Collection, 10th-13th centuries]. *Peuce* 12 (1996) pp. 285-94. French summary.

In a private collection from Tulcea are 48 Byzantine coins from the 10th-13th centuries, discovered at Isaccea-Noviodunum, Garvăn-Dinogetia, Nufăru, Iglîța-Troesmis and Turda. Most (33 coins) were discovered at Isaccea-Noviodunum.

(Constantin Preda)

176 MANUCU-ADAMESTEANU, GH., M. CÂRLAN and INGRID POLL. Monede bizantine descoperite în Dobrogea, sec. XI-XIII [Byzantine Coins Discovered in Dobroudja, 11th-13th centuries]. *Pontica* 27 (1994) pp. 237-44 illus. French summary.

A private collection from Bucharest contains 14 Byzantine coins from the 11th-13th centuries, discovered at Dobroudja. One of them, an electrum issue of Manuel I, was found at Babadag, Tulcea county.

(Constantin Preda)

177 MANUCU-ADAMESTEANU, GH, ION DONOIU, S. APOSTOLESCU and INGRID POLL. O monedă rară de împăratul Alexios I Comnenul [A Rare Coin Issued by Alexios I]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 135-38 illus. French summary.

The Ion Donoiu collection in Bucharest contains a lead Byzantine coin of Alexios I. The authors consider it to be a commemorative coin, struck in 1092 on the occasion of the imperial ascension of his son John.

(Constantin Preda)

178 OIKONOMIDES, NIKOS. O Sebastos Ioannis Steirionis [Sebastos Ioannis Steirionis]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 209-13.

From a private collection in Athens comes a lead seal which is described as follows: Obv. Saint Theodore on horseback right. He holds a spear and kills a dragon-snake. In the field, a tree. At the elft, O ΑΓΙΟC ΘΕΟΔΩΡ(ΟC). Rev., Metric inscription in six lines, +ΘΕΟΥ ΜΑΡΤ(ΥC) ΣΚΕΠ(ΟΙC) [ΜΕ] ΤΟΝ ΣΟΝ ΟΙ[ΚΕ] ΤΗΝ ΤΟΝ ΣΤΕΙ[Ρ]ΙΟΝΗΝ ΣΕΒΑ[ΣΤ]ΟΝ ΙΩΑΝΝΗΝ (+Martyr of God, you cover me, your servant, the sebastos Ioannis Steirionis). This is a dated lead seal, from around A.D. 1200, relating to Ioannis Steirionis (Giovanni Stirione), a famous priate from Calabria who, in accordance with the custom of the period, entered the service of the emperor Isaace Angelos (1185-95) in return for a lavish salary and took the title of sebastos.

(Mando Oeconomides)

179 PETAC, EMANUEL. Descoperiri inedite de monede antice și byzantine [New Discoveries of Ancient and Byzantine Coins]. *BSNR* 86-87 (1992-93, publ. 1996). French summary.

180 PREDA, CONSTANTIN. O monedă bizantină de argint inedită [An unknown Byzantine Silver Coin]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 123-24 illus. French summary.

Mihai Stoian of Bucharest has a Byzantine silver coin of Justinian I. Well-known for the mint of Constantinople, this type is completely unknown for Thessalonica, the mint at which it was struck. The coin was discovered somewhere between the Danube and the Carpathian mountains. *(Constantin Preda)*

181 SHARVIT, Y. and E. GALILI. Mikhmoret Underwater Survey. *Hadashot Arch* 106 (1996) pp. 72-73. In Hebrew.

Byzantine lead bullae were found at this site about midway between Haifa and Tel Aviv. *(Arnold Spaer)*

182 SION, O. and G. BIJOVSKY. Mishor Adummim (Khirbet Handoma). *Atiqot* 32 (1997) pp. 149-58. In Hebrew; English abstract pp. 47-48*.

Two Byzantine coins (Justin I and Justin II) were found in excavations at this site south of the Jerusalem-Jericho road. *(Arnold Spaer)*

183 TSAFERIS, V., D. AMIT and N. SARIG. A Byzantine Painted Tomb North of Damascus Gate, Jerusalem. *Atiqot* 29 (1996) pp. 71*-75* illus. In Hebrew; English abstract p. 113.

This excavation yielded a bronze coin of Constantius II (*LRBC* 1161) and an Umayyad post-reform coin (Walker *BMC* no. 610). *(Arnold Spaer)*

184 WEISER, WOLFGANG. Bleisiegel der Spätantike und des Rhomäischen ("Byzantinischen") Mittelalters. *NNb* 46 (1997) pp. 545-58 illus.

For additional references to Byzantine numismatics, see the following abstracts:

Greek, nos. 64, 66

Roman, nos. 92, 97, 99, 100, 126, 137, 142, 144, 148

Near and Middle East, nos. 191, 192, 195, 197.

NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN

185 AL-FITURI, AHMAD S. and ELIZABETH SAVAGE. The Hilalian Myth. A Fatimid Silver Hoard. *Yarmouk Numismatics* 7 (1995) pp. 29-36 illus.

A hoard of Fatimid silver coins discovered in northern Algeria is published. The authors study 100 of the coins, which were minted under the Fatimid caliph Al-Hakim (386-411 H./966-1021). The article also describes the political and economic situation before the Hilalian invasion of North Africa.

186 AMAR, Z. Gold Production in the 'Arabah Valley in the Tenth Century. *IEJ* 47 (1997) pp. 100-103.

An Islamic gold coin struck at the mint of Elath in A.D. 1120 may have been produced of gold mined in the Arabah north of Elath. (Arnold Spaer)

187 BAHRI, LOTFI. *Les hommes du pouvoir et les hommes du savoir en Ifriqiya aglabide (184-296 H./800-909)*. Doctorat d'histoire, Université Paris I, 1993.

This dissertation is not publicly available. Pp. 137-50 discuss the importance of numismatics in this period. (Khaled Ben Romdhane)

188 BLASKO, MIHAELA and CORNELIU MATAACHE. Tezaurul de aspri otomani de la Târgu Ocna, jud. Bacău [The Hoard of Ottoman Aspers from Târgu Ocna, Bacău County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 151-61 illus. French summary.

The "Maria and Dr. Severeanu" collection from Bucharest contains 109 Ottoman coins from the hoard discovered in 1914 at Târgu Ocna, Bacău county, Moldavia. The coins are issues of Mehmed I (1), Mehmed II (11) and Bayazid II (97). The hoard was probably buried in 1507. (Constantin Preda)

189 DRISSI, FARHAT. *Al-kimiya' wal-kimiya'iyyun fi al-turat al-'ilmi al-'arabi al-islami min al-qarn 2 ila al-qarn 8 al-higriyayn*. Doctorat d'état, Faculté des Lettres de La Manouba (Tunisia) 1994.

This dissertation is unpublished. It discusses the technical aspects of minting. (Khaled Ben Romdhane)

190 GITLER, H. The Coins from Har Adar. *Atiqot* 32 (1997) pp. 80-81 illus. In Hebrew; English abstract p. 40*.

Coins found in these excavations at a site to the west of Jerusalem are a tetradrachm of Philip III (Price no. P.158), two 18th-century Ottoman silver coins of Mahmoud I, a Yehud obol (Meshorer *AJC* I no. 4), a 4th-century A.D. Roman copper coins, and one unidentifiable coin.
(Arnold Spaer)

191 MESHORER, Y. Coins. D. Pringle, *The Red Tower* (London, British School of Archaeology in Jerusalem, 1986) pp. 175-76.

In the excavation of this Sharon site about 10 km. east of Nathanya, 34 coins were found: 4 Byzantine, 23 Crusader issues, 4 Mamluk and 20 Ottoman pieces.
(Arnold Spaer)

192 NAHLIELI, D., Y. ISRAEL, Y. BEN-MICHAEL and A. BERMAN. The Nahal La'ama site: an early Islamic Farm in the Negev. *Atiqot* 30 (1996) pp. 67*-78*. In Hebrew; English abstract p. 130.

Nine coins were found in this excavation, one of Heraclius, one Arab-Byzantine, one post-reform Umayyad, 6 possibly Abbasid, including 4 lead issues. (Arnold Spaer)

193 NICULITA, ANA and EUGEN NICOLAE. Monedele de aur otomane din tezaurul de la Bălțata, r. Criuleni, Republica Moldova [The Ottoman Gold Coins of the Hoard from Bălțata, Criuleni county, Republic of Moldavia]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 167-77 illus. French summary.

The authors publish the 12 Ottoman gold coins from the hoard discovered in 1961 at Bălțata, Republic of Moldavia. The coins are issues of Suleiman I (8), Selim II (1) and Murad III (3). The majority of these coins were struck in the Egyptian mint. This is quite unusual, since other hoards from the Lower Danube generally contain coins struck in European mints.
(Constantin Preda)

194 PELLICER I BRU, J. Dirhemes a nombre de Ahmed I Almoktadir Ben Yusuf, 465 H - 476 H. *GacNum* 126 (1997) pp. 15-24.

195 PITSILLIDES, G. ANDREAS and D. MICHAEL METCALF. Some more finds of Islamic and Byzantine coins from the Condominium centuries. *Epetiris* (Cyprus Research Centre) 23 (1997) pp. 1-7 illus.

The article is a continuation of a publication in *Epetiris* 21 (1995) pp. 1-13 by the same authors in which Islamic and Byzantine coins during the Condominium centuries found in Cyprus are examined.
(A. G. Pitsillides)

196 SHAMMA, SAMIR. Ahdath 'asr Al-Ma'mun kama tarwiha al-nuqud. *Yarmouk Numismatics* 7 (1995) pp. 57-65.

The author presents Aglabid coins from 183-218 H./804-833.

(Khaled Ben Romdhane)

197 SION, O., R. MILSTEIN and G. BJOVSKY. Khirbet Abu Suwwana. *Atiqot* 32 (1997) pp. 183-94. In Hebrew; English abstract p. 50*.

In a rescue excavation at this site, east of Ma'aleh Edumim, 8 coins were found: one of Anastasius I, one Arab-Byzantine, four Umayyad and Abbasid, one Crusader (Metcalf 1983 pl. 16 nos. 430-431) and one unidentified. (Arnold Spaer)

198 SYON, D. The Excavations of the courthouse Site at 'Akko: The Coins from Area TA. *Atiqot* 31 (1997) pp. 87-90 illus.

The above excavations yielded 23 coins including 2 lead tokens covering the period from 200 B.C. to Ottoman times. Seven of these coins were Crusader issues including two coins of Beirut issued by John of Ibelin, 1198-1236. (Arnold Spaer)

199 TACHER, A. Akko, Zeituni Square. *Hadashot Arch* 106 (1996) pp. 22-21. In Hebrew.

Finds included 2 Crusader-period coins, one of Mahmud b. Zengi struck in Damascus, an Ottoman issue of the 17th-19th century and a modern coin. (Arnold Spaer)

200 VISONÀ, PAOLO. An Islamic overstriking of a Punic bronze coin. *RStudFenici* 20/1 (1992) pp. 15-17.

The coin was overstruck in the 14th century and was found in the eastern Mediterranean/Levant. (Khaled Ben Romdhane)

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

Greek, nos. 36, 64

Roman, no. 99

Western and Central Europe, no. 249

Paper Money, nos. 399, 422, 424

Tokens and Jetons, no. 432.

INDIA AND SOUTH ASIA

201 BROWNE, GERALD M. The Elephant-Rider Dinaras of Kumaragupta I. *AJN* 2nd series no. 9 (1997) pp. 37-40.

In this paper, the author notes that the legend on the elephant-rider dinaras of the Gupta Emperor Kumaragupta I (A.D. 414-55) contains a metrical defect in the transcriptions provided by previous scholars. Instead of the terminal *ripun*, the author proposes *śatrun*, which can be discerned on one of the published specimens. With

śatrun, the line is a metrically correct instance of the Upagiti meter: *ksataripu-Kumaragupto rajatrata jayati śatrun* "Kumaragupta, whose enemies have been destroyed, protector of (feudatory) kings, conquers the foes." (Author)

202 DARYAEE, TOURAJ. The Use of Religio-Political Propaganda on the Coinage of Xusro II. *AJN* 2nd series no. 9 (1997) pp. 41-53 illus.

This paper studies the iconographic changes on the coinage of the Sasanian ruler Xusro II (A.D. 590-628). The essay intends to demonstrate the motives behind the coinage reform and linking it to the political and religious aspirations of this monarch in late antiquity. The reason for the reforms was the fact that Xusro II faced both internal and external threats and his sovereignty was in danger. By using the Zoroastrian symbols of authority and linking himself to the ancient Iranian mythical dynasties, and making his opponents as anti-Mazdean, he was attempting to legitimize himself and the family of Sasan. He appears to have done this quite successfully.

(Author)

203 JENSEN, UNO BARNER. *Danish East India. Trade Coins and the Coins of Tranquebar 1620-1845*. Private edition 1997. 48 pp. illus.

This catalogue of the coins is supplemented with historical background.

(J. Steen Jensen)

EAST ASIA

204 BERTSCH, WOLFGANG. The Tibetan 3 Sho Copper Coin. *NI* 32 no. 9 (September 1997) pp. 225-31 illus.

Coins of this denomination first minted in 1946 are discussed and illustrated.

(Joseph Uphoff)

AFRICA -- MEDIEVAL AND MODERN

205 HAYWARD, ANN. The Kruggerand: Making History for Three Decades. *Num* 110 no. 7 (July 1997) pp. 764-67 illus.

The history of this successful bullion coin is presented along with information on the Pretoria Mint where they were produced. Physical characteristics of the coin, its various weights (denominations?) are given and illustrated.

(Thomas Serfass)

EUROPE -- MEDIEVAL AND MODERN

GREAT BRITAIN AND IRELAND

206 CLARKE, W. N. Edward III, Duke of Aquitaine, Lord of Ireland. *The Picus* 1994 pp. 134-39 illus.

The historical context of two issues of Edward III is described. The very rare "maille blanche" of 1325 with the title DVX:ACITANIE was replaced by the common type with the new title DNS:HIBERNIE from 1326-1328. The author explains that as Edward no longer legally held the title to Aquitaine in 1326, he used his Irish title instead.
(Robert I. Gait)

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

Western and Central Europe, nos. 249, 277, 419.

WESTERN AND CENTRAL EUROPE

207 ALRAM, MICHAEL, HEINZ WINTER and MICHAEL METTLICH. Ein mittelalterlicher Münzschatz des 15. Jahrhunderts aus St. Valentin in Niederösterreich. *NZ* 104/105 (1997) pp. 109-85 illus.

A hoard buried in the course of the battles with Matthias Corvinus between 1482 and 1485 in the monetary sphere of the Vienna pfennig contained Vienna and Bavarian pfennigs, a Prague groschen, Hungarian groschen and denars of Matthias Corvinus, as well as Hungarian and German gold. Tirol kreuzers of Archbishop Sigismund comprised the majority of the find. A seal was buried with the hoard. This hoard permits the establishment of a relative chronology of the individual types and a differentiation between Meran and Hall kreuzers.
(Michael Alram)

208 ALTHOFF, RALF. Die mittelalterliche Münzprägung in Schwerte. *Schwerte 1397-1997, Eine Stadt im mittleren Ruhrtal und ihr Umland* (Essen, Klartext-Verlag 1997) pp. 337-53 illus. ISBN 3-88474-492-5.

Based on die-analyses, the author corrects a former article by J. Spiegel (1938) on the Schwerte mint of the county of Mark in light of the historical background and also of the chronology. Coins were struck around 1400 by Johannes Sobbe, Everhard count of Limburg and Adolf count of Kleve.
(Peter Ilisch)

209 ARNOLD, PAUL. Der Talerfund von Döbeln. *Archäologie aktuell im Freistaat Sachsen* 4 (1997) pp. 273-74.

The find contained 21 talers and 2 half-talers from 1610-30. (Author)

210 ARNOLD, THOMAS. Ein unedierter Hohlpfennig der Münzstätte Langensalza. *GN* 46 (1997) pp. 380-81 illus.

A hitherto unknown pfennig is attributed to Langensalza and dated to 1335-40.
(Peter Ilisch)

211 ARNOLD, THOMAS. Die Hohlpfennigprägung von Erfurt von ca. 1335 bis 1350. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 7 (1997) pp. 29-42.

212 ARNOLD, THOMAS. Ein Hohlpfennig der Münzstätte Kahla. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 27-28.

A previously unpublished Hohlpfennig of Kahla is published. (P. Arnold)

213 ARNOLD, THOMAS. Die Groschengegenstempelung der Stadt Mühlhausen. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 43-48.

214 AUST, HORST. Warum gibt es den Liegnitz-Brieger-Sterbegroschen (1602) in mehreren Varianten? *GN* 32 (1997) pp. 179-84 illus.

The author describes five varieties of the death memorial groschen 1602 of Liegnitz-Brieg and suggests that this type was also struck after the burial.
(Peter Ilisch)

215 BANNICKE, ELKE. Der Münzbuchstabe A von 1750 bis 1997 - Die Entwicklung der Münzstätte Berlin von der Königlichen Münze zum Münzamt der Bundesrepublik Deutschland. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 59-168.

216 BANNICKE, ELKE. Das Stempelarchiv der ehemaligen Münze Berlin im Münzkabinett. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 335-44.

217 BARTA, JÁNOS and GÁBOR BARTA. III. Béla király jövedelmei. (Megjegyzések középkori uralkodóink bevételeiről.) [Revenues of the King Béla III. Remarks on the income of the Hungarian Kings in the Middle Ages.] *Századok* 127/3-4 (1993) pp. 413-49.

The authors deal with a very important source of Hungarian monetary history, namely a list made at the end of the 12th century of the income of the Hungarian king Béla III and of the Hungarian bishops' corporation. They undertook a detailed analysis of this source, comparing it with the later ones. (Melinda Torbágyi)

218 BEHR, GERD. Wie echt sind Prägedaten auf Erfurter Münzen? *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 49-55.

219 BEHR, GERD. Der numismatische Inhalt des Turmknopfes der Kirche von Großrudstedt / Thüringen. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 73-76.

220 *Beiträge zur brandenburgisch/preußischen Numismatik.* Numismatischer Arbeitskreis Brandenburg-Preußen, Berlin 4 (1997). 152 pp. illus.

This work contains 15 articles on coins and medals, publication of new finds and discussions of the history of the Bank of Berlin from 1914-45. Contributors include Jürgen Müller, Gerald Stefke, Hans-Dieter Dannenberg, Wolfgang Steguweit, Karin Friese, Lothar Tewes, Manfred Olding, Andreas Hoop, Michael Kunzel, Gerhard Gierow, Gisela and Hermann Malchow, Gerd Scharfenberg, Elke Bannicke and Heinz Fengler. (P. Arnold)

221 BRACE, DORTE. The Outlaws' Mint. *The Anvil* 7 no. 5 (1997) pp. 49-52 illus.

The coins described and illustrated in this article were produced by an unofficial mint on the island of Hjelms off the east coast of Jutland. The perpetrators of these coins were exiled nobles found guilty of the murder of the Danish King Erik Klipping in 1286. These outlaws set up their own mint and, using captured engravers, produced a debased coinage very similar to the official issues for about ten years. The extensive output of these counterfeit pieces and their similarity to the legitimate coins led to the debasement of the country's currency. Nineteenth century excavations have provided evidence of the actual minting procedure at Hjelms. (Robert I. Gait)

222 BRAGA, CARLOS PEIXOTO. O Ferro e o Alumínio nas Moedas Portuguesas [Iron and Aluminum in Portuguese Coins]. *A Permuta* 88 (May/August 1997) pp. 20-21 illus. In Portuguese.

Iron was used only once in Portugal for coins of 2 centavos dated 1918. Aluminum was also used only once, for coins of 10 centavos dated 1971 through 1979; the alloy of the latter contained 1% magnesium. (Alain Costilhes)

223 BROZATUS, KLAUS-PETER. Die Reichsmünzstätte Altenburg zur Zeit Friedrichs I. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 3-22. (Unchanged reprint of an article in *Altenburger Geschichtsblätter* 7, Staatliches Lindenau-Museum Altenburg, 1990, pp. 75-91.)

The author discusses the history of Altenburg in the 12th century and attempts to date the Altenburg bracteate on typological grounds. (P. Arnold)

224 BUZA, JÁNOS. A magyar denár kivitele Észak-Itáliába a XVI. század közepén [The Hungarian Denar in North Italy in the mid-16th century] I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 89-98. German summary.

225 CANTO, A. and T. IBRAHM. *Moneda Andalusí en la Alhambra. Catálogo exposición de Granada*. Seville 1997. 276 pp.

226 CHAVES, M.J. and R. CHAVES. Una ceca inédita, Gades y nuevas aportaciones al Corpus de la moneda visigoda. *Acta Num* 26 (1996) pp. 77-80.

227 COSTA, F. Tresoret d'Ombria (Aizúria, Marina Alta, Alacant). *Acta Num* 26 (1996) pp. 213-20.

228 CRUSAFONT I SABATER, M. and A.M. BALAGUER. Diner vescomtal de Cardona del segle XI, inédit. *Acta Num* 26 (1996) pp. 139-45.

229 CUTRONI TUSA, ALDINA, ALBERTO SCUDERI and ANGELO VINTALORO. *Rinvenimenti di monete e circolazione monetaria nel territorio di Corleone. Primo bilancio*. Corleone, Città di Corleone Archoclub di Corleoni 1997. 32 pp. illus.

Beginning with analysis of hoards and surface finds, the authors outline the characteristics of the various phases of coin circulation in the area of Corleone in the period between the 5th and 12th centuries. (A. Carignani)

- 230** DANNENBERG, HANS-DIETER. *Die brandenburgischen Denare des 13. und 14. Jahrhunderts*. Berlin, Numismatische Gesellschaft zu Berlin 1997. 213 pp. illus.

Through analysis of literary sources, coin finds and historical evidence, the author arrives at new dates and interpretations. The Brandenburg denars are organized typologically in the catalog. (P. Arnold)

- 231** DEMO, ŽELJKO. *Ostrogothic Coinage from Collections in Croatia, Slovenia and Bosnia & Herzegovina*. Ljubljana, Narodni muzej 1994. 323 pp. illus.

The author first describes the progress of discoveries and research into Ostrogothic coins since the 17th century, noting specific misattributions. He then catalogues 254 pieces from 13 museums (including Serbian and Italian collections) as well as private collectors. Over one-third (84 pieces) are from the previously unpublished collection of the Archaeological Museum in Split. After a listing by ruler, the coins are also classified by die (with 63 matches), by find/site, and by present location. Indexes by obverse and reverse inscription, by mint mark/letters/sigla, and by monogram are provided. Appendices treat several finds and hoards, including Budva and Kranj-Lajh, for which inaccurate or inadequate information had been available, and consider gold coins which might be attributed to the mint of Rome under Justin II. (Charles B. Smith, Jr.)

- 232** EGGERT, EDWIN. *Die Proben der Hamburger Münzstätte von 1908 bis 1947*. *NNb* 46 (1997) pp. 328-30 illus.

- 233** EGRI, JÁNOS. A bosarvei fellelésű PHANVS:RE.X-RESLAVVA CIV feliratú pénzről. [The coins in Bosarve with the inscription "PHANVS:RE.X-RESLAVVA CIV"] I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 59-79. German summary.

- 234** EMMERIG, HUBERT. BENNO ME FECIT—eine salische Münzfibel aus Pfaffenzell. *Zeitschrift des historischen Vereins für Schwaben* 89 (1996) pp. 22-23 illus.

- 235** ENGEL, PÁL. A 14. századi magyar pénztörténet néhány kérdése. [Some problems in the Hungarian monetary history in the 14th century]. *Századok* 124/1 (1990) pp. 25-93. French and Russian summary.

- 236** ERZMANN, HUBERT. Münzmeister in Weimars zweiter Prägeperiode 1619 bis 1691. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 56-73.

237 FINETTI, ANGELO. *La zecca e le monete di Perugia nel Medioevo e nel Rinascimento*. Perugia, Volumina editrice 1997. 237 pp. illus.

Through an accurate examination of published and unpublished material, the author proposes a review of issues of the mint of Perugia from the mid-13th to the mid-16th century. (A. Carignani)

238 FORSCHLER, ANNE. Die Königliche Eisengießerei. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 203-20.

239 FORSCHLER, ANNE. Die Porzellan-Manufaktur KPM. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 221-34.

240 FRIEBE, HANS. Der Freiburger Gewerbe-Aktien-Verein von 1851. *Freiburger Münzblätter* 6 (1997).

241 GARAMI, ERIKA. Pénzintézetek történetének feldolgozása. [The history of coin institutions] I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp.117-22. German summary.

242 GEDAI, ISTVÁN. Pénzhelyettesítő eszközök a magyaroknál az önálló pénzverés előtt. [Premonetary coin forms in Hungary before independent emissions]. *Archaeologiai Értesítő* 121-122 (1994-95) pp.155-57.

243 GIEROW, GERHARD. Eine Variante des Königsberger 1/3 Talers von 1674. *NNb* 46 (1997) p. 324 illus.

244 GISEVIUS, B., C. KÜPPER-EICHAS, G. LÖNING, W. SCHÜTZE and C. WIECHMANN. *Die Münze zu Clausthal. Beiträge zur Geschichte der Münzstätte*. Clausthal-Zellerfeld, Oberharzer Geschichts- und Museumsverein e.V. and Studentenwerk Clausthal 1994. 145 pp. illus. ISBN 3-9804133-06.

The Clausthal mint was opened in 1617 and closed 1849. It struck coins for the dukes of Brunswick and later for the kings of Westphalia and Hannover. Löning and Küpper-Eichas describe the development of the mint and its staff. Another contribution (Wiechmann) deals with the mint building, its architecture and use from 1725 to modern times. Schütze discusses coins and medals from the Clausthal and Zellerfeld mints with mining iconography. Finally, Küpper-Eichas deals with the mint control box and money coming from this source. (Peter Ilisch)

245 GRUND, RAINER. Münzen und Medaillen. *Der Schatzfund der Wettiner*. Exhibition catalog (Leipzig 1997) pp. 51-56.

246 HAHN, WOLFGANG. Zur Salzburger Münzgeschichte unter den Erzbischöfen Friedrich von Walchen (1270-1284) und Rudolf von Hohenegg (1284-1290). Zuweisungsprobleme und ein neuer Münztyp. *MÖNG* 37 no. 3 (1997) pp. 49-53 illus.

The author publishes a previously unknown Salzburg pfennig that belongs to the early issues of archbishop Rudolf. (Michael Alram)

247 HAMMARBERG, INGER. Plåtmynt från snapphannarnas tid [Plate money from the time of the *snapphannar*]. *SNT* 4 (1997) pp. 84-88 illus. In Swedish.

The author tells the exciting story of how the Swedish war cash consisting of barrels with heavy copper plates was robbed in 1676. A small remaining lot of 10 plates were found in 1996 and are now in the Stockholm Coin Cabinet.

(Ulla Westermark)

248 HATZ, GERT. Die Münzprägung der Brunonen. *Wissenschaftliche Zeitschrift des Braunschweigischen Landesmuseums* 2 (1995) pp. 99-144 illus. ISBN3-927939-36-6.

The author discusses the minting of the Brunonian branch of the Saxon dukes (11th century) striking in various mints in Frisia as well as in Brunswick by Bruno III, Ekbert I and Ekbert III. Special attention is paid to the distribution of the Frisian coinage in the countries bordering the Baltic Sea, where they are especially concentrated in northwest Russia. Also discussed is the possible connection between Frisian long-distance trade and the distribution of finds.

(Peter Ilisch)

249 HATZ, GERT and GERT RISPLING. Münzfunde aus Oldenburg in Holstein (1981-1986). *Offa* 52 (1995) pp. 153-62 illus.

The authors describe and comment on 23 Islamic (Abbasid, Tahirid, Samanid, Zangid), German, Abodritian and English (Aethelred II and Henry II) coins found in excavations in Starigard/Oldenburg from 1981 to 1986.

(Peter Ilisch)

250 HERHOLZ, HELMUT. Münzfund in der Turmkugel der Kirche zu Großschirma 1996. *Freiberger Münzblätter* 6 (1997).

251 HESS, WOLFGANG. Die Münzstätte Bacharach. Friedrich Ludwig Wagner, ed., *Bacharach und die Geschichte der Viertälerorte Bacharach, Steeg, Diebach und Manubach* (Bacharach 1996) pp. 133-56 illus.

The author discusses the history of the Bacharach mint. At the beginning of the 13th century an imitation of Cologne issued on behalf of Otto, son of Ludovicus, is tentatively attributed to this mint. More regular minting took place from about 1353 to shortly after 1464. Surveyed are the various kinds of issues (golden guilder, weisspfennigs and various small change) as the currency regions and the monetary contracts of the Rhenish electors.
(Peter Ilisch)

252 HIPPMANN, FRITZ. *Numismatica Obderensia I: Münzen und Geldersatzmittel*. Oberösterreichisches Landesmuseum. Studien zur Kulturgeschichte von Oberösterreich. Linz 1997. 296 pp. illus.

The author describes all the coins and money struck for Upper Austria and devotes much to the issues of Ferdinand I, whose undated coinage he is able to place in the correct order thanks to his die study.
(Günther Dembski)

253 HÖGYE, ISTVÁN. Pénzrontás, pénzhamisítás és az ellenük hozott hatósági intézkedések Zemplén vármegyében. [Base coins, forgeries and the decrees against striking coins in Zemplén]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp.123-33. German summary.

254 IBÁÑEZ ARTICA, M. Tipología de los gruesos de Carlos II de Navarra (1349-1387). *GacNum* 126 (1997) pp. 25-35.

255 ILISCH, PETER. *Der Münzschatzfund von Rödinghausen*. Rödinghausen, Selbstverlag der Gemeinde Rödinghausen 1997. 60 pp. illus. ISBN 3-9801709-5-0.

Aimed at a general public interested in history, this publication deals with the background of striking talers in Germany and the Netherlands during the sixteenth century based on a hoard of 85 talers buried after 1607. The author discusses the reasons for the hoard's burial, its specific composition, and lists the coins found.
(Author)

256 ILISCH, PETER and KENNETH JONSSON. Ein erzbischöflicher Münztyp, geprägt in Bremen. *BBMG* 1 (1997) pp. 41-48 illus.

This is a German language version of 1993 article (*NL* 131, 255). (Peter Ilisch)

257 IVANAUSKAS, EUGENIJUS. Møntfund fra Kaliningrad 1984-1992 [Coin finds from Kaliningrad 1984-1992]. *NNUM* 4 (1997) pp. 60-70 illus. In Danish.

The author describes very rich archaeological finds from Kaliningrad covering a long period of time from the Middle Ages to the 19th century.
(Ulla Westermarck)

258 JENSEN, JØRGEN STEEN. Et dansk-norsk femdukatstempel. Det vestindisk-guineiska Kompagni 1704 [A Danish-Norwegian die of a 5-dukat pieces of 1704 from the West Indian-Guinean Company]. *NNUM* 6 (1997) pp. 100-101 illus.

The author describes the newly-discovered die. The die was first published by Kurt Guldberg Larsen in *NumRapp* 50 (1996) pp. 198-99. The dies of the West Indian company are dispersed and only two have been rediscovered. (Ulla Westermarck)

259 JENSEN, JØRGEN STEEN. Nogle nordiske møntskattefund fra kirker [Some Nordic coin hoards from churches]. *NNUM* 5 (1997) pp. 83-85 illus. In Danish.

There is no unambiguous explanation of coin finds from Nordic churches, although some can be interpreted as offerings. (Ulla Westermarck)

260 KARLOVITS, KÁROLY. Szent István fontja és a magyar kereskedelmi mértékrendszer. [The pound of King Hl. Stefan and the Hungarian Weight System] I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp.23-43. German summary.

261 KEILING, HORST. Forschungsergebnisse von der slawischen Marktsiedlung Parchim (Löddigsee). *Zur slawischen Besiedlung zwischen Elbe und Oder. Beiträge für Wissenschaft und Kultur* 1 (Neumünster 1994) pp.84-99 illus. ISBN 3-529-02053-2.

The author mentions about 50 coins of the ca. 10-11th centuries found in excavations (Frisia, Saxony, Bardowick, Bohemia, Hungary) and illustrates a Bohemian coin of Spitygniew. (Peter Ilisch)

262 KLEIN, ULRICH. Weiteres zu den Hammersteiner Goldgulden. *GN* 32 (1997) pp. 177-78 illus.

263 KLEIN, ULRICH. Der Münzschatz Boxberg-Schweigern. *Mein Boxberg* (Heimatverein Boxberg, Boxberg) 30 (1996) pp. 5-16 illus.

This is a preliminary report of a hoard of 2578 coins, buried in 1675 or thereafter and uncovered in 1993. It comprises guldens of 60 kreuzers, medium-sized coins and silver small change from more than 60 territories mainly in southern Germany. (Peter Ilisch)

264 KÖHEGYI, MIHÁLY. Numizmatikai adatok egy pozsonyi polgár önéletrajzában, 1847-1871. [Numismatic Contributions to the Biography of a

Pressburg Citizen, 1847-1871]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp.109-15. German summary.

265 KOHL, CHRISTIAN. Zur numismatischen Bedeutung des Münzfundes im Donatsturm 1995. *Freiberger Münzblätter* 6 (1997).

266 KOVÁCS, LÁSZLÓ. Salamon pénzveréséről. [About the coinage of Solomon.] *Századok* 125/1-2 (1991) pp. 79-106.

267 KOVÁCS, LÁSZLÓ. *A kora Árpád-kori pénzverésről. [Hungarian coinage in the early Arpaden period].* *Varia Archaeologica Hungarica* VII. Budapest 1997. 406 pp. illus. German summary.

This is a comprehensive synthesis of the earliest period of Hungarian coinage, from the beginning to the middle of the 12th century. (Melinda Torbágyi)

268 KOVÁCS, LÁSZLÓ. A kora Árpádkori pénzüjításról. [New coinage in the early Arpaden period]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 9-22. German summary.

269 KRANKOVICS, ILONA. Az 1811-es devalváció gazdasági következményei a levéltári források alapján. [The Devaluation of 1811 and the Economic Effects based on Archaeological Sources]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 99-108. German summary.

270 *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin. Herausgegeben anlässlich des XII. Internationalen Numismatischen Kongresses von der Deutschen Gesellschaft für Medaillenkunst in Verbindung mit den Staatlichen Museen zu Berlin, Münzkabinett. Mit Beiträgen von Elke Bannicke, Helmut Caspar, Anne Forschler, Martin Heidemann, Rainer Laabs und Wolfgang Steguweit. Die Kunstmedaille in Deutschland* 7. Berlin 1997. 432 pp. illus.

This work is arranged in two parts. The first part contains seven contributions on coin and medal production in Berlin. In the second part are 5 articles on the fostering of medallic art in Berlin. A supplement contains biographies of Berlin engravers and a bibliography. (P. Arnold)

271 LAUERWALD, PAUL and WULF ALTHER. Zum Fund eines Denars der Benediktiner-Abtei Corvey in der Wüstung "Niederseebach,"

Unstrut-Hainich-Kreis. *Mühlhäuser Beiträge* 19 (1996, publ. 1997) pp. 99-104 illus.

The article includes an archaeological and numismatic presentation of the find of a Corvey denar of Danneberg type 737. (P. Arnold)

272 LIBERO MANGERI, GIUSEPPE. Province di Taranto, Bari, Brindisi, Lecce. Attività della Sezione Numismatica. *Taras* 16/1 (1996) pp. 156-57.

The author publishes a hoard of 225 medieval denari, of which 224 are of Frederick II of Swabia. (A. Carignani)

273 LINK, EBERHARD. Auch eine Art Recycling. Eine Belagerungsmünze der Franzosen in Mainz 1793 aus einer älteren Münze. *GN* 32 (1997) pp. 187-88 illus.

A 2-Sols-piece of besieged Mainz in 1793 is overstruck on a 4-pfennig-piece of the archbishopric of Mainz from 1766. (Peter Ilisch)

274 LLOBET I PORTELLA, J.M. Documents per a la història de la moneda municipal de Cervera (1462-1626) (Addenda). *Acta Num* 26 (1996) pp. 165-69.

275 LLOBET I PORTELLA, J.M. Un nou document relacionat amb els ploms verema de Cervera (1381). *Acta Num* 26 (1996) pp. 161-63.

276 MACRIPÒ, ALBA, ed. *Monete Medaglie Sigilli. La collezione dell'Accademia Lucchese di Scienze Lettere ed Arti*. Exhibition catalogue. Lucca 1992. 284 pp. illus.

Through information from coins and medals, the exhibit traces the history and events of the mint of Lucca, active from the 7th through 19th centuries. The exhibit includes 595 pieces, with special attention to the 13th century, the golden age of the mint. (A. Carignani)

277 MALMER, BRITA. *The Anglo-Scandinavian Coinage c. 995-1020*. Commentationes de nummis saeculorum IX-XI in Suecia repertis. Nova series 9. Stockholm 1997. 634 pp illus.

This is a continuation of a preliminary study, published in 1989, *The Sigtuna Coinage c. 995-1005* (Comm. NS 4), based on 300 dies and 1100 coins. In the present book the number of dies is nearly 1700 and the number of coins ca. 3700. Nearly all coins are imitations of the English coin types Crux, Long Cross, Helmet, Small Cross and Quatrefoil. Danish, Swedish and Norwegian imitations of English

coins are considered together. Chain 105, first published by Mark Blackburn in 1981, with 92 dies and dated ca. 1000-1003, today comprises ca. 245 dies including two obverse dies with the inscription 'Cnut rex Daenor' which confirms that the chain is Danish. It includes Quatrefoil and covers a rather long period, ca. 1000-1020. In this respect the Swedish coinage is very similar to the Danish. The Sigtuna coinage includes a die-chain, no. 11, which in 1989 comprised 95 dies. Today there are 134 dies in this chain and Quatrefoil is represented as well. As in England, Scandinavian dies were transported from one mint to another. Dies with legends in typical Sigtuna style are found in Danish die-chains and Danish dies were used in Sigtuna. Transported English dies were used in Sigtuna as well as in Denmark. (Author)

278 MALMER, BRITA. Sigtunamynntningen som källa till Sveriges kristnande/The Sigtuna coinage and the Christianization of Sweden. Bertil Nilsson, ed., *Kirstnandet i Sverige. Gamla källor och nya perspektiv/The Christianization in Sweden. Old sources and new perspectives* (Uppsala 1996) pp. 85-113.

In some respects coins are the most reliable sources of knowledge about the Christianization of Sweden. They are contemporary, carry inscriptions, and are found in very great numbers. Obviously Swedes were exposed to Christian propaganda via coins. Incisions of crosses, and the predilection for Byzantine coins with their distinct crosses as amulets as well as the legend *in nomine domini* on a number of coins minted in Sigtuna, seem to indicate an active interest in Christianity. A Long Cross imitation with the legend OLFAFREXSIDEI has been said to be a symbol of Christian Sigtuna at the beginning of the 11th century. In consideration of the frequency of blundered legends, reading SIDEI in one work, as a misspelling of SITUNE, seems more likely than reading SI DEI, i.e., God's Sigtuna. (Author)

279 MARTIN, GERHARD. 600 Jahre Leipziger Münzstätten. *Freiberger Münzblätter* 6 (1997).

280 MARTIN, PETER-HUGO. Eine Goldmünze Karls des Großen. *NNb* 46 (1997) pp.351-55 illus.

In excavations in the palatinate of Ingelheim a golden solidus of Charlemagne was found. The author discusses it in the context of the rare gold coins of the emperor as well as in that of the few portrait coins, and he prefers a dating of 812-814.

(Peter Ilisch)

281 MITTERMEIER, IRENE. Der spätmittelalterliche Münzschatz aus dem Passauer Domhof. *Verhandlungen des Historischen Vereins für Niederbayern* 120-121 (1994-1995) pp. 207-8 illus.

In excavations in Passau (Bavaria), 622 coins, scales, jewellery and a seal were found in a deposit of human skulls and bones. It was the property of a provost of

Passau cathedral who died in 1495. The hoard contained 27 gold coins, 26 of which are Hungarian. The silver consisted of some Saxon groschen, but mostly of pfennigs and hellers from Franconia, Bavaria and Austria. (Peter Ilisch)

282 MOLL MERCADAL, B. Contribució a l'estudi de la circulació monetària a la Menorca musulmana. *Acta Num* 26 (1996) pp. 81-138.

283 MÜNDL, KLAUS. Die Rolle der Österreichischen Nationalbank im Wandel der Zeit. *NZ* 104/105 (1997) pp. 37-39.

The role that the Austrian National Bank, founded in 1816, played in various crises and important times is discussed by the author. (Günther Dembski)

284 NAGY, LÁSZLÓ G. Az 1945-46-os infláció a pénzek tükrében. [Inflation in 1945-46 in the light of coinage]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 171-82. German summary.

285 NICOLAE, EUGEN. Descoperiri monetare de la Suceava [Monetary Discoveries from Suceava]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 179-98 illus. French summary.

The author publishes coins discovered at Suceava (Moldavia) at the place called "Beizadele," church of St. John the Baptist. The 32 coins include eleven of Moldavia, from Stefan I, Alexander, Iliaș, Stefan II, Bogdan II, Stevan IV (Stefăniță); Golden Horde, Ottoman Empire, Kahn of the Krim, Poland, Lithuania, Sweden, Hungary and the Habsburg Empire. (Constantin Preda)

286 NICULITA, ANA. Tezaurul de la Mărculești [The Coin Hoard from Mărculești]. *ArhMold* 18 (1995) pp. 303-9 illus. English summary.

In 1986 a hoard of 2467 coins from the 15th and 16th centuries was discovered in the area of Mărculești village (Republic of Moldavia). The coins are issues from Coroana, Swidnica, Elbing, Gdansk, Riga, Lithuania, Ungaria and Aachen. More than 2350 are from Lithuania, issues of Alexander I, Sigismund I and Sigismund II Augustus. (Constantin Preda)

287 OCHESEANU, RADU. Despre semnificația reprezentării voievodului Radu I în armură pe monedele Țării Românești [The Significance of Radi I in armor on the coins from Valahia]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 139-42. French summary.

The author comments on the significance of Radu I's presence in armor on his own coins. He argues that this image belongs to the reverse and not the obverse of these coins, as was believed until now. (Constantin Preda)

288 PAP, FRANCISC. Monede transilvănene în tezaure monetare din Austria [Transylvanian Coins in the Monetary Hoards from Austria]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 199-211. Germany summary.

The author publishes a study of the circulation of coins issued in the Transylvanian Principate in the 16th-19th centuries in the territory of Austria. The oldest Transylvanian coins to arrive in Austria were the gold coins of John I Zapolya, and the latest are from the 19th century. Most were discovered in the eastern or northeastern regions of Austria. (Constantin Preda)

289 PAP, FRANCISC and MIHAI BLAJAN. Tezaurul monetar de la Bărbănaț, jud. Alba-sec. XI-XII [The Coin Hoard from Bărbănaț, Alba County - 11th-13th centuries]. *AMuzNapocensis* 32 (1995) pp. 389-96 illus. French summary.

A hoard containing 186 Hungarian silver coins from the 11th-13th centuries was discovered in Bărbănaț village, Alba county (Transylvania). The coins, which now belong to the Cluj-Napoca Museum, are issues of Coloman I, belonging to two different types of obols. There are three coins of Bela II. Metalographical and chemical analyses were made of some of the coins (see pp. 231-42 of the same publication). (Constantin Preda)

290 PEDUTO, PAOLO. Sul rinvenimento di un gruzzolo di "grossi" veneziani a Ravello. *Rassegna Storica Salernitana* 26 (1996) pp. 111-14.

The author briefly notes the discovery at Villa Rufolo in Ravello of a hoard of Venetian coins struck between 1253 and 1261 by the doge Raniero Zeno. They betray a clear Byzantine influence. (A. Carignani)

291 PELLICER I BRU, J. *Glosario de Maestros de Cecas y Ensayadores (siglos XIII-XX)*. Madrid, Museo Casa de la Moneda 1997. 424 pp.

292 PETRY, KLAUS. Die Münzhoheit in den linksrheinischen Bischofsstädten im Spannungsfeld zwischen bischöflichem Anspruch und städtischer Münzpolitik. Rainer Albert, ed., *Stadt und Münze, Fachvorträge des 30. Süddeutschen Münzsamlertreffens 1995 in Speyer* (Speyer, Numismatische Gesellschaft Speyer e.V. 1996) pp.37-71 illus.

The role of the episcopal cities on the left bank of the Rhine in the later Middle Ages, mainly between 1100 and 1300, towards their bishops and regarding mint control is analyzed. The influence varied between complete takeover of the mint to no sign of attempted control at all. (Peter Ilisch)

293 RIPOLLES, P.P. and A. MARTINEZ. *El tesoro de la familia Ferrer de Plegamans*. *Estudis Numismàtics Valencinas* 8. Generalitat Valenciana 1997. 344 pp.

294 RISCH, UWE. Neumark, eine Münzstätte während der Periode des regionalen Pfennigs? *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 23-26.

The author discusses the question of whether there was a mint in Neumark during this period of the 13th and 14th centuries. (P. Arnold)

295 RÖBLITZ, GÜNTHER. Zum Aufkommen der Brakteatenprägung in Thüringen. *NNb* 46 (1997) pp. 307-10 illus.

The author discusses attributions made by Kühn in 1995/96 concerning the beginnings of bracteate emissions in Thuringia with special emphasis on the Saalfeld and Erfurt mints. (Peter Ilisch)

296 RUSU, ADRIAN ANDREI. Tezaurul de ducăți din 1540 de la Vințu de Jos, jud. Alba [The Coin Hoard from 1540 Discovered at Vințu de Jos, Alba County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 161-66 illus. French summary.

A hoard containing 8 gold coins of the 16th century was discovered during excavations in 1993 at Vințu de Jos, Alba county-Transylvania. All are of the same type, issued at Sibiu in 1540. They bear the monogram of the cardinal Gheorghe Martinuzzi. (Constantin Preda)

297 SANAHUJA ANGUERA, X. Els senyals del Camp de Tarragona del segle XV. *GacNum* 126 (1997) pp. 37-47.

298 SANAHUJA, X. L'arrendament de les encunyacions d'or de Perpinyà a Pere Blan entre 1352 i 1365. *Acta Num* 26 (1996) pp. 147-60.

299 SANAHUJA, X. La seca del principat de Catalunya establerta a Reus, Tarragona i Ciutat de Mallorca (1809-1814). *Acta Num* 26 (1996) pp. 171-82.

300 SARVAS, PEKKA. Rahasta Suomessa Kalmarin unionin aikana — Om mynten i Finland under Kalmarunionens tid [On coins of Finland during the Kalmar Union]. *Turky ja Kalmarin Unioni — Pohjolan suurvalta ja heräävä leijona* (Turun maakuntamuseon näyttelyesite 24 — Åbo landskapsmuseums utställningskatalog 24) (Vammala 1997) pp. 56-66 illus. In Finnish and Swedish.

The monetary history of Finland during the period 1397-1521 is discussed.

(Tuukka Talvio)

301 SCHULTZ, CARSTEN. Die lippischen 2- und 4-Mariengroschen des Grafen Simon Heinrich mit der Jahreszahl 1672. *BBMG* 1 (1997) pp. 91-101 illus.

The varieties of the 2 and 4 mariengroschen pieces bearing the date 1672 from the county of Lippe are catalogued.

(Peter Ilisch)

302 SCHÜTZ, ARTUR. *Die Hessischen Münzen des Hauses Brabant, part II: 1308-1509*. Beiträge zur Münzkunde in Hessen-Kassel 19. Kassel, Numismatische Gesellschaft Kassel 1996. 168 pp. illus. ISBN 3-00-000752-0.

This is a descriptive catalogue of the coins of Hesse from 1308-1509. In addition, a hoard with Hesse counterstamps is surveyed.

(Peter Ilisch)

303 SOÓS, FERENC. Verde- és mesterjelként alkalmazott címerek a magyar pénzekben. [Weapons as coin and power marks on Hungarian coins in the 14th-15th centuries]. I. Krankovics, ed., *A numizmatika és a társstudományok II* (Debrecen 1996) pp. 201-14. German summary.

304 STADLER, MICHAEL. Die bremischen Swaren Penninge im 14. und 15. Jahrhundert. *BBMG* 1 (1997) pp. 55-89 illus.

The author investigates the pfennig issues of the city of Bremen during the second half of the 14th and the first half of the 15th century and the different varieties are catalogued. This article also includes similar strikings from Stade and Verden.

(Peter Ilisch)

305 STEGUWEIT, WOLFGANG. Private Prägefirmen. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 181-202.

306 STEGUWEIT, WOLFGANG. Die Bronzegießereien Gladenbeck. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 235-41.

307 STEGUWEIT, WOLFGANG. Der Brakteatenfund von Nebra, Ldkr. Burgenlandkreis, gefunden 1986, vergraben um 1275. *Jahresschrift für mitteldeutsche Vorgeschichte (Halle)* 78 (1996) pp. 265-338 illus.

The hoard of 1341 coins, of which 300 are unpublished, dates to the period between 1230 and 1275. (P. Arnold)

308 SUCHODOLSKI, STANISLAW. Møntskatte fundne i kirker - et symptom på kult eller økonomi? [Coin hoards from churches - a symptom of cult or economy?] *NNUM* 5 (1997) pp. 78-83 illus. Danish translation of an article in *Studia Numismatica. Festschrift A. Molvögin* 65 (Tallinn 1995) pp 172-77.

The author discusses a number of finds of medieval and later coins from European churches and concludes that the concealment of such hoards can be interpreted in various ways. (Ulla Westermarck)

309 TALVIO, TUUKKA. J.V. Snellman Suomen rahoissa [J.V. Snellman on the coins and banknotes of Finland]. *Numismaattinen Aikakauslehti* 4 (1997) pp. 99-102 illus.

The numismatic portraits of the statesman and philosopher J.V. Snellman (1806-81) are discussed. (Author)

310 TEWES, LOTHAR. Meißnischer Löwe auf brandenburgischem Pfennig. *NNb* 46 (1997) pp. 273-76 illus.

The author discusses Brandenburg pfennigs from the late 13th century with eagle and lion in respect to the possession of former Bohemian and Meissnian territories by Brandenburg. (Peter Ilisch)

311 TEWES, LOTHAR. Berliner Bär oder Askanischer Helm. Ein Beitrag zur brandenburgischen Mittelaltnumismatik des 14. Jahrhunderts. *NNb* 46 (1997) pp. 357-62 illus.

A pfennig of the margraves of Brandenburg with standing ruler and bear has often been interpreted as the unchanging pfennig following the sale of the minting rights to the cities in 1369. This is rejected by the author, who claims bracteate pfennigs with helmet as being struck from 1369 onwards. The monetary situation in Brandenburg in the fourteenth century is surveyed. (Peter Ilisch)

312 ULRICH, ATTILA. Adalékok az orozslános tallérok szerepének megítéléséhez a XVII. század második felének magyar pénzforgalmában. [Contributions to the criticism of the role of lion talers in Hungarian coin circulation in the second half of the 17th century]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 81-88. German summary.

313 VELTER, ANA MARIA. Tezaurul de la Codlea, jud. Braşov şi unele aspecte ale circulaţiei monetar în Transilvania în sec. XIV [The Coin Hoard from Codlea, Braşov County, and Some Aspects of Monetary Circulation in Transylvania in the 14th Century]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 143-49. German summary.

In the National Museum of History in Bucarest are 24 coins from the hoard discovered in 1933 at Codlea, Braşov county-Transylvania. These include 5 Slavonian denarii from the 13th century and 19 Hungarian denarii from the 14th century.
(Constantin Preda)

314 VERDEJO SITGES, J.Ç. Tres cobres variantes del Ingenio Segoviano. *GacNum* 126 (1997) pp. 57-58.

315 VIRK, WOLFGANG. Der Münzenschatz aus dem Turmknopf der Schweriner Schelfkirche. *Stier und Greif* 6 (1996) pp. 72-78.

The coins range from 1645 to 1994. Among the oldest coins are those of Brandenburg, Brunswick-Wolfenbüttel, Denmark, Hamburg, Hildesheim and Mecklenburg.
(P. Arnold)

316 V.SZÉKELY, GYÖRGY. Eredmények és problémák a későközépkori magyar pénztörténet kutatásában. [Evidence and problems in the research of late medieval monetary history in Hungary]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 45-58. German summary.

317 WAGNER, HERFRIED. Moderne Fälschungen von Friesacher Pfennigen. *MÖNG* 37 no. 3 (1997) pp. 54-59 illus.

The author publishes a uniform group of modern imitations of Friesach pfennigs that in all likelihood come from Hungary.
(Michael Alram)

318 WEILLER, RAYMOND. Supplément au catalogue des monnayages étrangers des princes luxembourgeois. *Hémecht* 2 (1997) pp. 211-18 illus.

New types and rare coins struck by princes of Luxembourg origin in Ligny-Saint-Pol, Metz (bishopric), Mainz (archbishopric), Mühlheim, Speyer, Bohemia, Moravia, Silesia and Brandenburg are published.
(Author)

319 WINTER, HEINZ. *Awarische Grab- und Streufunde aus Ostösterreich. Ein Beitrag zur Siedlungsgeschichte.* Monographien zur Frühgeschichte und Mittelalterarchäologie 4. 293 pp. illus. (especially pp. 76, 80, 84, 177 ff.).

This is a compilation of all known finds from this period in eastern Austria.

(Michael Alram)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, nos. 10, 11, 13, 20

Technology and Methodology, no. 30

Roman, no. 162

Paper Money, nos. 398, 402, 412, 413, 417, 418, 423

Tokens and Jetons, nos. 425, 431, 433, 434.

EASTERN EUROPE AND THE BALKANS

320 IVANIŠEVIĆ, VUJADIN. Hoard of Serbian and Venetian Coins from Usje (14th century). *Macedonian Numismatic Journal* 2 (1996) pp. 113-38. Macedonian summary.

The author catalogues and illustrates a hoard of 96 coins discovered in 1991 near Skopje. Included were 83 "de cruce" dinars of Serbian King Milutin (1282-1321), one second emission "de cruce" dinar of Dragutin (Serbia 1276-82, Mačva et al. to 1321), and seven grossi of Venetian doge P. Gradenigo, three of G. Dandolo, and two of J. Contarini. Comparing this hoard to others from this period of medieval Serbia, the author considers the circumstances of issue and sequence of control markers on Milutin's "de cruce" dinars.

(Charles B. Smith, Jr.)

321 KORČMAROŠ, LADISLAV. Slavonski banovci: bibliografija izvora, djela, studija, rasprava, članaka, prikaza, osvrti, ekscerpata i bilješki [Slavonian banal dinars: bibliography of sources, works, studies, discussions, articles, reviews, examinations, excerpts and notes]. *Numizmatičke vijesti* 50 (1997) pp. 117-37. English summary.

The author lists written material from the 18th century to the present.

(Charles B. Smith, Jr.)

322 MIRNIK, IVAN. *The 1871 Klasnić Hoard (Medieval Hungarian Coins - Medieval Italian (Gorizia - Padova - Venezia) Coins - Contemporary Forgeries)*. Milan, Edizioni ennerre S.r.l. 1995. xxvi+213 pp. illus.

The author has provided a detailed inventory of the massive Klasnić hoard, discovered in 1871 southwest of Sisak. Consisting of 10 gold and 2046 silver coins, including 123 forgeries, it is one of the most important 14th century hoards ever found in Croatia and represents a vital source of data for the economic history of the period.

A high percentage of the Hungarian and Venetian silver coinage of the period is represented and illustrated.
(Charles B. Smith, Jr.)

323 MIRNIK, IVAN. Prilog proučavanju velikog bosanskog zlatnika [Contribution to the study of the Bosnian great ducat]. *Numizmatičke vijesti* 50 (1997) pp. 101-9. English summary.

The author examines the controversy surrounding a gold piece found in 1935 and widely believed to be the only surviving gold issue of medieval Bosnia. He examines evidence for and against its authenticity, and relates its known history from its discovery to its auction sale to an anonymous buyer in Zagreb in May 1996.

(Charles B. Smith, Jr.)

324 NOONAN, THOMAS S. Forging a National Identity: Monetary Politics During the Reign of Vasilii I (1389-1425). A.M. Kleimola and G.D. Lenhoff, eds., *Culture and Identity in Muscovy, 1359-1584/Moskovskaia Rus' (1359-1584): kul'tura i istoricheskoe samosoznanie* (UCLA Slavic Studies New Series 3, Moscow 1997) pp. 495-529.

An examination of the silver *dengas* struck by Vasilii I reveals how coinage was used by the Muscovite princes to advance their claims to the title of "Grand Prince of All Rus" in the face of strong opposition from the khans of the Golden Horde (the nominal suzerain), the grand princes of other Rus' lands, and appanage princes within Muscovy.
(Author)

325 OCHESEANU, RADU. Un tezaur din vremea lui Mihai Viteazul descoperit la Marsilieni, com. Albești, jud. Ialomița [A Coin Hoard from Michael the Brave Discovered at Marsilieni, Albești, Ialomița County]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 329-31. French summary.

In 1970, 35 coins were retrieved from a hoard at Marsilieni, Ialomița county (Valachia). They include three grossi issues struck in Poland, Lithuania, Riga, Teschen and Transylvania. All of the coins are from the 16th century, the latest from 1592.

(Constantin Preda)

326 POGAČNIK, ALBIN. Srednjeveške kovnice na Slovenskem (3) [Medieval Mints in Slovenia (Part 3)]. *Numizmatični vestnik* 19 (1991) pp. 429-59.

The author continues his illustrated catalogue of the known output of mints on Slovene territory with Brežice (Rann), Rajhenburg (Reichenburg/Brestanica), Kostanjevica (Landstrass), Čatež (Tschatesch), and Sveti Križ (Heiligenkreuz). For Brežice, he provides 36 issues of Archbishop Eberhard II (1200-46) and two issues under Hungarian suzerainty (1254-59). For Rajhenburg is noted one issue of Archbishop Eberhard II. For Konstanjevica are noted 17 issues of Duke Bernard

(1202-56) and seven issues of Czech King Ottokar II. For Čatež are noted two issues of Duke Bernard, and for Sveti Križ 13 sole issues of Duke Bernard and 41 joint issues with the Bishops of Gurk.
(Charles B. Smith, Jr.)

327 POPOVSKA, DANIELA. The First Jubilee Coinage from the Republic of Macedonia. *Macedonian Numismatic Journal* 2 (1996) pp. 169-71. Macedonian summary.

The author illustrates and gives technical information for the 1995 FAO set.

(Charles B. Smith, Jr.)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

Paper Money, nos. 394, 400, 403, 404, 405, 406, 407, 420.

THE AMERICAS

UNITED STATES

328 BOBBE, JERRY. On the Care and Preservation of Choice Coppers. *PW* 31 no. 3 (May 15, 1997) pp. 118-20

329 BOWERS, Q. DAVID. *American Coin Treasures and Hoards*. Wolfeboro, New Hampshire, Bowers & Merena Galleries 1997. 456 pp. illus.

Eighteen chapters present most of the coin hoards and other miscellaneous finds in American numismatics. This large volume is divided into small sections on each find and information concerning it. While controversial aspects of some hoards are omitted and the Philadelphia Highway hoard is absent altogether, those finds have been documented elsewhere. The appendices cover questionable finds (appendix I) and an index to the coins themselves described throughout by coin type and mint (appendix II). The author also includes an interesting section on hoards remaining to be found. These are reports of coin caches and possible deposits of coins based upon historical or legendary information. This wide ranging volume covers such subjects as American gold in foreign bank vaults to rare foreign coins in this country. Treasury hoards and single coin finds are documented as well.
(Thomas Serfass)

330 BUTTREY, T.V. False Western American Gold Bars. *AJN* 2nd series no. 9 (1997) pp. 89-112 illus.

The group of American gold bars which appear to have been manufactured in the west during the 1850s-1880s and which appeared on the market largely in the 1950s and 1960s are, in the author's judgement, twentieth-century fabrications. (Author)

331 ELLSWORTH, STEVE. Butternut Hoard Update, and Analysis by Variety for 1816-1819. *PW* 31 no. 3 (May 15, 1997) pp. 106-12.

The author presents a breakdown of the hoard by year, by variety and does some analysis as to percentage of the population the hoard represents, and the implications of the hoard on relative scarcity. (Thomas Serfass)

332 FORTIN, GERRY. Conclusions on Misplaced Digits Found in the Liberty Seated Dime Series. *GobrechtJ* 23 Issue 69 (July 1997) pp. 19-22.

The author summarizes his research into patterns for the misplacement of digits and the conclusions that may be drawn from these patterns over time. Fortin looked into whether the tops or bottoms of dates were shown, whether they were in the main devices or in the dentils and whether they were left or right of the correctly placed date. The author found chronologically related patterns to the misplaced digits (1851-1877, 1878-1882, and 1883-1891) and concluded among other things that his results do not support the theory that these misplaced digits were engravers' test marks in the dies. (Thomas Serfass)

333 HENRY, RED. 1801-1807 Cent Survivorship: Once More, by the Numbers. *PW* 31 no. 4 (July 15, 1997) pp. 162-67.

The author presents results of a survey of ownership of these coins among EAC membership along with analysis of what those numbers could and probably do mean. The author concludes that a 1.5 % survivorship rate seems to make the most sense of the numbers of coins surviving and accord with the various rarity ratings (although some are always in flux). The author appends his raw data to the article so that other researchers have access to the raw numbers in this valuable though troublesome area of numismatic research. (Thomas Serfass)

334 LANDIS, RON. A Theory on the Cause of Misplaced Dates. *GobrechtJ* 23 Issue 69 (July 1997) pp. 27-29.

Engraver Landis proposes a different theory than Gerry Fortin. Landis explains his theory from a practical point of view, relying on his own coining experience and what is known about the minting process of the 19th century. The author suggests that pragmatic considerations and everyday occurrences at the mint could account for the misplaced dates. Specifically, he suggests that coiners leaving the press might have chosen to rest punches on inconspicuous parts of the die rather than leaving them in more precarious circumstances. This would explain extra digits, lightly punched in. (Thomas Serfass)

335 LEE, LAWRENCE J. Dr. Mumey, the G-Man and the J.J. Conway Dies. *Num* 110 no. 6 (June 1997) pp. 610-15, 646-48 illus.

This is a complete history of the discovery of the long missing J.J. Conway dies, including the correction of previous errors. The failed efforts of Dr. Mumey to acquire them, the intervention of law enforcement personnel and the use of personal favors to get the "restrikes" made would qualify the story for a "movie of the week." In addition, the story of the Brashlow restrikes is also told as an insert, completing the story of J.J. Conway dies and their uses subsequent to the 1860s. (Thomas Serfass)

336 LOGAN, RUSSELL J. The Enigmatic 1836 Reeded Edge Half Dollar. *JRJ* 11 Issue 1 (July 1997) pp. 10-12 illus.

This article details the steps taken by the author to discern the authenticity of a rare 1836 reeded edge half dollar. An edge mirror photograph shows the most important feature of this coin for the readers. The relatively simple measurements of diameter, reed count, weight and specific gravity provide crucial information about any coin. The analysis used here is transferable to many series and shows relatively simple non-destructive tests can have impressive power if there is enough basic information on the series (i.e. accurate reed counts, known specific gravity ranges, good diameter and weight info.) available to researchers. The coin turned out to be a fabrication as its diameter was much too wide for the closed collar reeded edge variety it was supposed to be. (Thomas Serfass)

337 LORENZO, JOHN and ROGER MOORE. A Rosa Americana Penny in Bronze. *PW* 31 no. 4 (July 15, 1997) p. 178 illus.

The authors performed X-ray diffractive analysis on a Rosa Americana Penny (Crowned Rose) which confirmed that it was bronze and not bath metal. It may be a copper plated specimen. The dies are identical to Norweb lot 2418 specimen. The question then becomes was this coin a pattern, a copper plated pattern or an off metal regular issue struck fully in bronze rather than copper plated. (Thomas Serfass)

338 MANLEY, RON. The First 1804 Dated Half Cent Variety. *PW* 31 no. 3 (May 15, 1997) pp. 113-17.

The author examines the emission sequence for the 1804 half cents and, based on new information on rare varieties (at least information unavailable to Breen when he wrote), on die states. The new sequence proposed is presented with supporting arguments. The author concludes that the 1804 C-4 was the first 1804 dated half cent. (Thomas Serfass)

339 McCLOSKEY, JOHN W. A New Variety for the 1836 Half Eagle Discovered. *JRJ* 11 Issue 1 (July 1997) pp. 20-24 illus.

A completely new variety, obverse and reverse was discovered by the author. A second small date variety became apparent as the author noticed that the 8 in 1836

was in script or fancy style rather than in block style (two circles piled on top of each other). The block style was thought to have been used exclusively during this period on the gold, although the script style 8's were used on other coins. The reverse has among the main distinguishing features the serif of an extra letter between the leaf and the U of United. An obverse die break is in evidence and may account for the rarity of this coin if the die broke beyond usage early on. *(Thomas Serfass)*

340 NUXOLL, ELIZABETH M. A Generation of Numismatic Cooperation: Findings on the Notes and Coins of the Confederation through the Papers of Robert Morris. *AJN* 2nd series no. 9 (1997) pp. 55-87 illus.

The author discusses the findings on the notes and coins of the Confederation era that resulted from the collaborative efforts of documentary editors, numismatists, collectors and archivists since the beginning of the Papers of Robert Morris project in 1968. The current state of knowledge regarding the following is analyzed: (1) the Nova Constellatio pattern coins of 1783, and their offspring, the Nova Constellatio coppers; (2) the varieties of "Morris's notes" (sight, sixty day, and six-month notes, signed by Robert Morris as Superintendent of Finance of the United States); (3) other notes issued during Morris' administration (1781-84), such as the "subsistence notes" or "Hillegas notes," signed by Michael Hillegas, Treasurer of the United States; (4) later private notes Morris issued and employed for his tobacco exporting and land speculative ventures; and (5) the notes of the Bank of North America, the nation's first commercial bank, founded in 1781. Continuities and discontinuities with respect to design, denomination, equipment, production techniques and personnel, between Confederation era notes and coins and those of later eras are noted. *(Author)*

341 OERTEL, JEFFREY L. A Comparative Listing of Ratings for Capped Bust Half Dollars. *JRJ* 11 Issue 1 (July 1997) pp. 13-19.

The author updates the rarity ratings for the Capped Bust Half dollars based upon auction prices, available price lists and his personal information. He compares these rarity ratings to the 1970 Overton numbers, the Bust Half Nut Club 1987 revision, Overton's 1990 update and now the author's new estimates. The numbers are laid out in table format by variety. *(Thomas Serfass)*

342 OURSO, LYNN. A Master Die For 1853 Half Dollars with Misplaced Digits. *GobrechtJ* 23 Issue 69 (July 1997) pp. 24-25 illus.

A Philadelphia half dollar's misplaced digit led to further searching which revealed that so far as has been determined, all of the 1853 Philadelphia half dollars have this same misplaced digit. The tentative conclusion is that the error was located in the master die which then transferred it to all the working dies in due course. *(Thomas Serfass)*

343 TERRANOVA, ANTHONY. A New Fugio Club Ray Discovery. *CNL* 37 no. 2 (August 1997, Serial No. 105) pp. 1697-98 illus.

A new club rays concave end Fugio copper has been discovered by the author with two previously unknown dies. The new designation according to Eric P. Newman's attribution system is 25-PP. Philip Mossman adds a chart for classifying club rays Fugio coppers at the end of the article. (Thomas Serfass)

For additional references to the numismatics of the United States, see the following abstracts:

Paper Money, nos. 395, 396, 397, 408, 421

Tokens and Jetons, nos. 426, 428, 429.

CANADA

344 THOMPSON, GEORGE H. Die Varieties of Breton 715: A Story of the Hart. *CNJ* 42 no. 4 (May 1997) pp. 171-82 illus.

This is the story of a variety of the 1838 Banque de Peuple Sou which has been subject to much misinformation and mystery over the course of its history. The author breaks down the misconceptions by examining how the errors crept into the catalogues and literature and their continuance until Warren Baker unraveled them in the 1980's. The author refers to Baker as a "hero" for his efforts to straighten out a muddled reference. The 1838 Banque de Peuple Sou has two main varieties, an open wreath (rare) and a closed wreath (common) on the reverse. There are then further subvarieties of both main types. Ultimately, there are 4 types of the rare open wreath variety, with the thickness of the planchet and the edge type (plain or milled) being variables. Detailed descriptions in this article leave little room for vagueness. Physical characteristics, weight and other important diagnostic elements are exhaustively presented along with photographs of many of the varieties.

(Thomas Serfass)

For additional references to the numismatics of Canada, see the following abstract:

Tokens and Jetons, no. 430.

MEXICO, CENTRAL AND SOUTH AMERICA

345 HUBBARD, CLYDE, and DAVID O'HARROW. *Hookneck: El Aguila de Perfil*. Seattle, by the authors 1997. 224 pp. illus. Bilingual in English and Spanish.

The Mexican "eagle in profile" coins of 1823-25 are studied in detail, with special attention to the 1824 Durango 8 reales pieces. Forty pages are devoted to the design competition and patterns for this series, followed by descriptions of the major varieties of each denomination struck at the three participating mints (Mexico City, Guanajuato, Durango). Also treated briefly are counterstamps placed on these coins in other countries and contemporary and modern counterfeits and replicas. The photography is superb throughout.
(Joseph E. Boling)

For additional references to the numismatics of Mexico, Central and South America, see the following abstract:
Tokens and Jetons, no. 427.

MEDALS AND DECORATIONS

346 AHO, ARVO. Aallosta Teräsvirtaan — arkkitehtimitaleja [Medals of Finnish architects]. *Mitali — Medaljen* 1 (1997) pp. 19-21 illus.

Twenty-one portrait medals are presented. (Tuukka Talvio)

347 AUER, EBERHARD. Die alchemistischen Medaillen Herzogs Friedrich I. von Sachsen-Gotha-Altenburg von 1685 und 1687. *Jahrbuch der Gesellschaft für Thüringer Münz- und Medaillenkunde* 8 (1997) pp. 77-84.

348 BAHNSEN, STEEN J.M. Lidt om Medaljør Frode B.M. Bahnsens baggrund [On the medallist Frode B.M. Bahnsen]. *NNUM* 5 (1997) pp. 88-91 illus. In Danish.

A son of the Danish medallist Frode Bahnsen (1923-83) comments on his father's life and work. (Ulla Westermarck)

349 BELA, NAGY. Insignele și medaliile Asociației "Salvarea" din Timișoara [The Insignias and Medals of the "Salvarea" (Salvation) Association from Timișoara]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 253-55 illus. French summary.

The author publishes two insignia and six medals issued by the Philanthropic Association "Salvarea" (Salvation) from Timișoara (Banat) founded in 1886. He describes the objects and offers some details about the history of the association.

(Constantin Preda)

350 BENDIG, HANFRIED. Numismatische Beziehungen zwischen Oldenburg und Schaumburg-Lippe. Eine unbekannte oldenburgische Medaille. *BBMG* 1 (1997) pp. 103-6 illus.

A uniface trial of a portrait medal of Anton Günther, count of Oldenburg, formerly in the collection of the counts of Schaumburg-Lippe is discussed and comments are made about how it came into that collection. *(Peter Ilisch)*

351 BENJAMIN, CH. The Secret of the Tiara: The Work of the Goldsmith Israel Rouchomovsky. *IMJ* 15 (Summer 1997) pp. 95-114 illus.

Among the works illustrated is a large medallion of the artist in the Cabinet des Médailles, Paris, no. 2875. *(Arnold Spaer)*

352 CABRILLO RODRIGUEZ, F. La verdadera fe y el patriota verdadero, medallas patrióticas. *GacNum* 126 (1997) pp. 63-69.

353 CASPAR, HELMUT. Selbstdarstellung der Berliner Münze auf Medaillen. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 169-80.

354 CIOFU, VALERIAN. Sculptorul medalist Ștefan Grudinschi (1928-1989). Viața și opera [The Medallist Ștefan Grudinschi (1928-1989). Life and Work]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 269-81 illus. French summary.

Ștefan Grudinschi, one of the most prolific Romanian medal engravers after World War II, has an important series of 128 medals. *(Constantin Preda)*

355 CRUSAFONT I SABATER, M. Documentació de medalles, II. D'illustració Catalana. *Acta Num* 26 (1996) pp. 205-12.

356 CURDOV, N. and EUGEN NICOLAE. Colecția Dominik Nicol. I. România. Medalii și plachete [Dominik Nicol's Collection. I. Romani. Medals and Plaquettes]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 283-304 illus. French summary.

The authors publish 63 medals and one plaque belonging to the collection of Dominik Nicol of New York, donated to the Archaeological Institute of Bucharest. They include several rare or unknown medals. *(Constantin Preda)*

357 DUNN, HAL V. Background on the 1876 Nevada Centennial Medal. *GobrechtJ* 23 Issue 69 (July 1997) pp. 43-45 illus.

Both the mining/smelting activities of the Nevada entry into the centennial exposition and the other circumstances of the medal's preparation and striking are presented. This is of interest to collectors of Centennial material as well as Nevada specialists.
(Thomas Serfass)

358 FRIEBE, HANS. Zwei neue Medaillen aus Freiberg. *Freiburger Münzblätter* 6 (1997).

359 FRIEBE, HANS. Die Ehrenmedaillen der TU Bergakademie Freiberg von 1996. *Freiberger Münzblätter* 6 (1997).

360 FRIEBE, HANS and CHRISTEL GOLDHAHN. Medaillen auf historischen Freiburger Briefköpfen. *Freiberger Münzblätter* 6 (1997).

361 HANGANU, LILIANA. O medalie străină oferită drept premiu sportiv în România [A Foreign Medal Offered as a Sport Award in Romania]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 257-59 illus. English summary.

In the collection of the Bucharest Municipal Museum of History and Art is a medal issued by the Swiss house Huguenin Frères & Co., Medailleurs, Le Locle, 1910, for the pilot Geo Chavez, who crossed the Alps.
(Constantin Preda)

362 HEIDEMANN, MARTIN. Die Bildgießerei Hermann Noack. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 243-89.

363 JOHNSON, CESARE and RODOLFO MARTINI. *Milano. Civiche Raccolte Numismatiche. Catalogo delle Medaglie. II. Secolo XVI. Benvenuto Cellini - Pompeo Leoni*. Rome 1994. 158 pp. illus.

The authors publish 459 16th-century pieces by these masters of engraving.
(A. Carignani)

364 KOPAČ, VIKTOR. Aktuelni portreti: Akademik, professor Vanja Radauš, kipar i medaljar [Current portraits: Academic, Professor Vanja Radauš, sculptor and medallist]. *Bilten Hrvatskog numizmatičkog društva* 7, 15 (March 1969) pp. 27-29.

This is a biography of the medallist, with a bibliography of writings on him and his work.
(Charles B. Smith, Jr.)

365 KOVASZNAI, VIKTORIA. Die Entwicklung der ungarischen Medallienkunst vom Klassizismus bis zum Historismus. *NZ* 104/105 (1997) pp. 187-93 illus.

At the end of the 18th century and during the 19th, Austrian medallists active in Hungary or Vienna produced medals on Hungarian themes, as did artists of Hungarian extraction working in Vienna. From this mutual influence arose the distinct Hungarian medallic style of the late 19th century. (Karl Schulz)

366 LAABS, RAINER. Berliner Persönlichkeiten im Medaillenbild von der Mitte des 19. Jahrhunderts bis in die Zeit der Weimarer Republik. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 357-78.

367 LAGERQVIST, LARS O. En internordisk belöningsmedalj [An internordic medal of merit]. *NNUM* 6 (1997) pp. 108-109 illus. In Swedish.

The Scandinavian Society for Laboratory Animal Science has instituted an internordic medal of merit, the first of its kind, made of gold- or silver-plated bronze with a green ribbon. (Ulla Westermark)

368 LAGERQVIST, LARS O. Slottsbranden 1697 - ett 300-årsminne [The fire of the Royal Palace in 1697]. *SNT* 6 (1997) p. 150 illus. In Swedish.

In commemoration of the great fire 300 years ago a medal has been issued by the Swedish Mint. The medal is the work of Ernst Nordin and is struck in bronze and silver (45 mm.). (Ulla Westermark)

369 LAKATOS, SAROLTA. Nagy Péter cár uralkodása előtti orosz insigneák, kitüntető jelvények, mint középkori falerák. [Russian insignia and decorations from the reign of Peter the Great]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 215-22. German summary.

370 MORELLO, GIOVANNI, ed. *Pierre et Rome. Vingt siècles d'élan createur.* Exhibition catalogue. Milan 1997.

The exhibit contains some medals that illustrate events in the history of St. Peter's basilica from Julius II to John Paul II. In another section there are some coins (from Domitian to Constantine II and from Louis II the Pious to Charles VII of France) found near the confession altar in St. Peter's Basilica. (A. Carignani)

371 OCHESEANU, RADU. "Campania de iarnă." O medalie neînstituită [The Winter Campaign. An Unestablished Medal]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 267-68 illus. French summary.

The author publishes a Romanian military medal with the legend "Campania de iarnă" (the winter campaign), meant for the most courageous soldiers who fought in the winter of 1942-43 in the war against the Communists. (Constantin Preda)

372 PANDULA, ATTILA. A magyar királyi Szent István Rend jelvényeinek tipológiája. [The typology of decorations of the royal Hungarian Order of Saint-Stephen]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 239-55. German summary.

373 PIRZIO BIROLI STEFANELLI, LUCIA. La medaglia di Giuseppe Girometti per le solenne esequie romane di Antonio Canova. *Bollettino dei Musei Comunali di Roma* 10 (1996) pp. 130-48 illus.

The author publishes a medal created by Giuseppe Girometti in memory of Antonio Canova. The piece was commissioned in 1823 by the Accademia di San Luca on the occasion of the artist's funeral, held in the Chiesa dei SS. Apostoli in Rome. (A. Carignani)

374 POPA, CORNEL. Medalionul lui Dem. I. Dobrescu [The Medallion of Dem. I. Dobrescu]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 261-62 and 265-66 illus. French summary.

The author publishes a medallion which was engraved in 1932 by C. Baraschi for the mayor of Bucharest Dem. I. Dobrescu (1924-33) and also a medal dedicated to C. Levaditi, professor at the Medicine Faculty of Cluj (1874-1933). (Constantin Preda)

375 POPA, CORNEL and NICOLAE CURDOV. O medalie inedită modelată de Emil Becker [An Unknown Medal of Emil Becker]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 263-64 illus. French summary.

The authors publish a medal created by Emil Becker in 1838 for the inauguration of the Artist Trade-Union's House. (Constantin Preda)

376 RAINER, PÁL. Egy magyar falerisztikai munka és szerzője. [A Hungarian work on orders and its creator]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 223-37. German summary.

377 RASMUSSEN, ELSE. Barry Lereng Wilmont, en canadisk-dansk medaljør [Barry Lerent Wilmont, a Canadian-Danish medallist]. *NNUM* 4 (1997) pp. 50-53 illus. In Danish.

The medals of Barry Wilmont are presented in connection with an exhibition of his works at the Royal Coin Cabinet in Copenhagen in the spring of 1997.

(Ulla Westermarck)

378 SALTERIO, EARL. CSS Hudson Expedition & Medal. *CNJ* 42 no. 2 (March 1997) pp. 77-82 illus.

The author presents a thorough historical explanation of the subject of this scarce medal commemorating the voyage of this scientific vessel and its nearly 6,000 mile journey. Details of the medals themselves are also provided. (Thomas Serfass)

379 SCHAUER, BURKHARD. Die anhaltische Bergbaumedaille von 1694. *GN* 32 (1997) pp. 285-86 illus.

A mining medal from Anhalt dated 1694 is attributed to the medallist S.Grillet.

(Peter Ilisch)

380 SCHULZ, KARL. Der Medailleur Anton Scharff (1845-1903). *NZ* 104/105 (1997) pp. 31-36 illus.

The article springs from a Jubilee celebration and shows the artistic development of the medallist, through his activity as designer of coins dies for Austrian and foreign coins. (Author)

381 SCHWARZ, WALTER. Das "Große metallene Armeekreuz" des Fürsten Schwarzenberg vom Jahre 1814. *ZÖstGesOrd* 25 (1997) pp. 1-6.

The unique form of the army cross of the prince Schwarzenberg that is currently in the museum in Vienna is precisely described and earlier mistakes are corrected.

(Karl Schulz)

382 STEGUWEIT, WOLFGANG. Die Kongreßmedaille und ihr Schöpfer. Dem Berliner Bildhauer und Medailleur Wilfried Fitzenreiter zum 65. Geburtstag. *GN* 32 (1997) pp. 251-56 illus.

383 STEGUWEIT, WOLFGANG. Berlin als künstlerisch-technisches Zentrum der Medaillenherstellung von den Anfängen unter Kurfürst Joachim I. (1499-1535) bis zur Gegenwart. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 13-56.

384 STEGUWEIT, WOLFGANG. Sonstige Gießereien mit Medaillenproduktion. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 291-308.

385 STEGUWEIT, WOLFGANG. Zur Medaillensammlung des Münzkabinetts der Staatlichen Museen zu Berlin. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 311-34.

386 STEGUWEIT, WOLFGANG. Selbstbildnisse von Berliner Medailleuren. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 345-56.

387 STEGUWEIT, WOLFGANG. Zwei Berliner Medaillenkonzepete zwischen Ersten Weltkrieg und Weimarer Republik. *Kunst und Technik der Medaille und Münze. Das Beispiel Berlin* (Berlin 1997) pp. 379-92.

388 TALVIO, TUUKKA. Aimo Tukiainen and Raimo Heino. *The Medal* 31 (1997) pp. 85-89 illus.

A. Tukiainen (1917-96) and R. Heino (1932-95) were among the leading Finnish medallists of the post-war generation. Both were sculptors by training and well-known for their portrait medals. (Author)

389 TALVIO, TUUKKA. Mannerheim mitalitaiteessa [Mannerheim in medallic art]. *Mannerheim, tuttu ja tuntematon* (Helsinki, Valitut Palat — Readers Digest 1997) pp. 354-57 illus.

Thirteen portrait medals of Marshal C.G. Mannerheim (1867-1951) are presented. (Author)

390 VIRK, WOLFGANG. Die Abholung und Heimführung der Prinzessin Louise von Mecklenburg-Güstrow nach Dänemark 1695. *Mecklenburgische Jahrbücher* 111 (1996) pp. 191-211 illus.

The wedding medal of Frederick IV of Denmark and the Mecklenburg Princess Louise is placed in its historical context. (P. Arnold)

391 WEBER, DIETER, PAUL ARNOLD and PETER KEIL. *Die Orden des Königreiches Sachsen*. Offenbach, Graf Klenau Verlags GmbH 1997. 312 pp. illus.

392 WISÉHN, IAN. Kungl Myntkabinettets medaljsamling - igår och idag [The medal collection of the Royal Coin Cabinet - yesterday and today]. *SNIT* 6 (1997) pp. 142-44 illus. In Swedish.

The author gives a concise history of the Swedish national medal collection and how it has been housed, both in the past and in the new home in central Stockholm. (Ulla Westermarck)

393 YLINEN, ALLAN. Ne naiset, ne naiset... [Those women]. *Mitali — Medaljen* 1 (1997) pp. 35-39 illus.

In 1977, Ahto Linja published a small book on 43 medals portraying Finnish women. This article adds 64 medals to the list, most of them issued during the last twenty years. (Tuukka Talvio)

For additional references to Medals and Decorations, see the following abstracts:

General, nos. 18, 24.

PAPER MONEY

394 BARTEL, HELMUT. New Bank Note Series from Macedonia. *IBNS* 36 no. 3 (September 1997) pp. 37-39 illus.

The 1996 note issue, the third since independence, is described in detail.

(Joseph E. Boling)

395 BRAUN, HANS and RICHARD URMSTON. *Historic Shares of the USA: Mirrors of the Economy, vol 1.* Mainz, Verlag Hermann Schmidt 1996. 296 pp. illus. ISBN 3-87439-397-6. Bilingual in German and English.

This volume covers land and transport facilities; transportation; and banking and finance firms. A general introduction to stock companies and the development of the U.S. economy is followed by color illustrations of about 185 early share certificates with summaries of the circumstances of the firms that issued them. (Joseph E. Boling)

396 DOTY, RICHARD G. New York's Obsoletes pose great challenge. *BNR* 25 no. 9 (September 1997) pp. 41-44 illus.

The curator of the Smithsonian's numismatic collection's adds New York notes which were not listed in James Haxby's four volume reference on obsolete state bank notes. About a dozen, mostly spurious or fraudulent, notes are detailed. All the described notes are illustrated. (Thomas Serfass)

397 FALATER, LAWRENCE. *American Automotive Stock Certificates.* Port Clinton, Ohio, BNR Press 1997. 400 pp. illus. ISBN 0-931960-57-6.

Approximately 1300 stock certificates of automotive firms or of firms that supported the automotive industry are listed, followed by 300 full-page illustrations of certificates. (Joseph E. Boling)

398 FELLER, RACHEL. Attaining from One's Gift. *IBNS* 36 no. 2 (June 1997) pp. 8-9 illus.

The 1994 French 500 franc note portraying Marie and Pierre Curie is described and a short biography of the Curie family is presented. *(Joseph E. Boling)*

399 FISHER, JACK H. Monarchy Notes Reveal Iraq before Saddam Hussein. *IBNS* 36 no. 3 (September 1997) pp. 30-36 illus.

Biographies of the three Iraqi monarchs of the 20th century are given, followed by descriptions of the political machinations that led to the establishment of the republic and the ascent of Saddam Hussein as leader of Iraq. The note issues bearing monarchical portraits are described. *(Joseph E. Boling)*

400 GONCHARUCK, WILLIAM D. Gryvna: a Handbook of Ukrainian History. *IBNS* 36 no. 3 (September 1997) pp. 39-42 illus.

Extensive descriptions of the iconography of the recently-introduced Ukrainian notes are provided, including histories of the buildings and individuals and significances of design motifs and watermarks. *(Joseph E. Boling)*

401 GRIFFITHS, OWEN. "Black Light" Features and Varieties in Mauritian Bank Notes. *IBNS* 36 no. 2 (June 1997) pp. 23.

The ultraviolet ink portions of Mauritian notes issued since 1985 are described, including known varieties of these features (changes in the color of the fluorescence in later issues). *(Joseph E. Boling)*

402 HANGANU, LILIANA and R. OCHESEANU. Proba de 5 lei 1922 [The Sample of 5 Lei from 1922]. *BSNR* 86-87 (1992-93, publ. 1996) pp. 225-31 illus. English summary.

In the numismatic collection of the Municipal Museum of History and Art in Bucharest is a 5-lei monetary sample from 1922, known only from the Henry Christiansen Sale Catalogue of 1966, but with an incomplete design. It was probably created in Switzerland. *(Constantin Preda)*

403 ISTOMIN, M. "Wild" Capitalism in Russia. *IBNS* 36 no. 2 (June 1997) pp. 31-32 illus.

The "ticket" issues of the firm known as "MMM" are described, together with brief remarks about nascent capitalism in the former Soviet Union. MMM tickets were investment receipts, used after the initial issue of share certificates. When MMM went bankrupt, the tickets lost their value except to collectors.

(Joseph E. Boling)

404 JELINČIČ, ZMAGO. *Katalog bankovcev jugoslovanskih dežel: 2.del-pomožne izdaje [Paper money catalogue of Yugoslav countries: Part 2-auxiliary issues]*. Ljubljana: Samozaložba 1989. 668 pp. illus. Slovene, Serbian/Croatian and English text.

This is the most extensive available catalogue of specialized paper issued on the territory that in 1989 was Yugoslavia. Beginning with late 18th-century issues of Pag, French occupation issues for Zadar, early 19-century issues, and emergency issues of various cities during the 1848-49 disturbances, the author also describes and illustrates 19th-20th century bond and debit issues, World War I issues including for prisoner of war camps, 1918-19 small change notes, and World War II and post-War issues by various authorities.

(Charles B. Smith, Jr.)

405 JELINČIČ, ZMAGO. *Slovenska partizanska potrdila [Slovene partisan receipts]*. Ljubljana, Povše 1991/93. 215 pp. illus. In Slovene and English.

Catalogued and illustrated are "receipts" issued by Partisan authorities in Slovenia in 1944-45. Most notes are attributed to one of the 17 Partisan printers producing such receipts; the printers are listed and briefly described, including their locations of operation and commanders.

(Charles B. Smith, Jr.)

406 JELINČIČ, ZMAGO. *Rupnikove lire [Rupnik lira]*. Ljubljana, Povše 1996. 124 pp. illus. In Slovene and English.

The "Rupnik Lira" was issued for use in the Nazi-occupied "province of Ljubljana" in 1944-45 to make up for inadequate supplies of Italian currency after the Italian capitulation to the allies. Circumstances of authorization and issue are described, and the notes, including test prints, are illustrated and catalogued.

(Charles B. Smith, Jr.)

407 JELINČIČ, ZMAGO. *Zamenjava okupacijskih bankovcev [Replacement of occupiers' banknotes]*. Ljubljana, Povše 1996. 222 pp. illus. In Slovene and English.

Italian, German and Hungarian issues which circulated in occupied Slovenia during World War II are catalogued and illustrated and the process of their replacement in 1945 is described in detail.

(Charles B. Smith, Jr.)

408 KELLY, DON. C. *National Bank Notes: A Guide with Prices* (3rd ed). Oxford, Ohio, The Paper Money Institute 1997. xviii+596 pp. illus. ISBN 0-9656255-0-8.

About fifty pages of history and description of U.S. national bank notes is followed by hundreds of pages of data on every bank that issued nationals (over 12,000 banks), giving opening and closing dates, changes in title, the number of

sheets of each type issued, total issue, amount in circulation when the bank closed, and values for most of the issued types in *fine* condition. There are also numerous appendixes and tables with much additional information. In this edition the banks are listed alphabetically by city within state rather than in charter number order.

(Joseph E. Boling)

409 LEVIUS, HAROLD. Paper Money Reflections of the Rothschild Dynasty, Part II: The Grandsons Take Over. *IBNS* 36 no. 2 (June 1997) pp. 18-23 illus. Part III: The World Wars. *IBNS* 36 no. 3 (September 1997) pp. 24-29 illus. [Part I appeared in *IBNS* 36:1]

In Part II the history of the dynasty in the first half of the 19th century is presented, including the closing of the branches in Italy and Germany, the continuing efforts of the family to promote religious tolerance, and the reasons why no branch was established in North America. By the end of the 19th century (part III), only the English, French, and Austrian houses remained, each of which had a major role in colonial development and/or salvation of other banks (including national banks) whose rescues were vital to the health of the nations involved. The achievements of the major family members in World War II wrap up this series. (Joseph E. Boling)

410 MICHAELIS, ANTHONY R. Berlin Museum Acquires Private Scientific Bank Note Collection. *IBNS* 36 no. 2 (June 1997) pp. 24-25 illus.

The acquisition and display of a collection of 1300 banknotes portraying various aspects of science and technology, partially described in *IBNS* 29:4, is reported. About 300 pieces are on display at any time, and the display cabinets can be moved to other locations to further publicize the themes of the collection. (Joseph E. Boling)

411 MUSSER, DWIGHT. Looking Back. *IBNS* 36 no. 2 (June 1997) pp. 26-29 illus.

The author describes the advent (in the late 1950s) of interest in collecting and dealing in world notes, and his role as a pioneer dealer in the hobby. A bibliography of his works on world paper money (spanning almost forty years) is included.

(Joseph E. Boling)

412 OCHESEANU, RADU. Eseurile bancnotei de 5000 lei, 1943-1945, din colecțiile Cabinetului numismatic al Muzeului de Istorie și Artă al Municipiului București [The Essays of 5000 Lei Banknotes of 1943-1945 from the Collections of the Coin Room of the Municipal Museum of History and Art in Bucharest]. *BSNR* 868-87 (1992-93, publ. 1996) pp. 233-36 illus. French summary.

The author publishes three essays of different colors for the 5000-lei banknotes made at the National Bank of Romania in 1943-45. All were rejected and the blue banknote was accepted.
(Constantin Preda)

413 PAZ BERNARDO, J. De nuevo sobre las monedas del balneario de Mondariz. *GacNum* 126 (1997) pp. 59-51.

414 REY, C. A Tentative Review of Mauritius Bank Notes Issued after 1810—Part II: 1876 to Nowadays. *IBNS* 36 no. 2 (June 1997) pp. 10-17 illus. [Part I appeared in *IBNS* 35:3]

The notes of the cited years are described in detail. Considerable new information is offered, including names of signatories and serial blocks of individual varieties. Some very rare notes are illustrated.
(Joseph E. Boling)

415 RODGERS, K.A. Fiji's World War II Currencies: the Official Records—Part I. *IBNS* 36 no. 2 (June 1997) pp. 33-41 illus. Part II. *IBNS* 36 no. 3 (September 1997) pp. 10-17 illus.

This is the most complete account to date of the WWII emergency issues of Fiji. Data in part I includes the numbers of sheets of each note printed locally, the source of recently-marketed hoards of unfinished notes, and the identification of watermarks in several of the notes. Part II includes substantial detail about the notes printed and overprinted in Australia and New Zealand, emergency coin acquisition, and numerous reproductions of ordinances, proclamations, and defence regulations.

(Joseph E. Boling)

416 ROSENMAN, RICHARD. An Angel in Your Pocketbook. *IBNS* 36 no. 2 (June 1997) pp. 42-44 illus.

The use on banknotes of the cherubic *putti* at the base of Raphael's *Sistine Madonna* is explored. A list of ten notes that the author has found bearing one or more of these images and a short biography of Raphael are provided.

(Joseph E. Boling)

417 RÓZSA, GÁBOR. Az utolsó "jancsibankó" a Mindszent-apátfalvi Ármentesítő Társulatnál a kistiszai és a kormánybiztosi iratok között Szentesen, 1882. [The last "Hänschenbanknote" in Bököny-Mindszent, 1882]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 135-58. German summary.

418 SACHSE, HILBERT. Papiergeld und Wertpapiere - made in Leipzig. *Freiberger Münzblätter* 6 (1997).

419 SLUSZKIEWICZ, TOMASZ. "English" Counterfeit Bank Note 500 zloty 1940 Issued by Bank Emisyjny, Commonly Nicknamed "Mountaineer." *IBNS* 36 no. 2 (June 1997) pp. 45-47 illus.

Counterfeits, provided through British intelligence and/or the Polish government in exile, of the 1940 German occupation 500 zloty note are described, together with other information about financing of resistance activities during World War II.

(Joseph E. Boling)

420 SLUSZKIEWICZ, TOMASZ. History of Warsaw's Contributions Levied by the German Occupation Authority During World War II. *IBNS* 36 no. 3 (September 1997) pp. 45-47 illus.

The background to the Nazi punitive cash levies on citizens of Warsaw is given, including a chronology of the resistance attacks and German reprisals, and two examples of the receipts given for the punitive levies are illustrated.

(Joseph E. Boling)

421 SULLIVAN, STEPHEN M. *US Error Note Encyclopedia*. Melbourne, Florida, Capital Currency 1997. 430 pp. illus.

This comprehensive treatment of paper money errors covers all the modern issues. Pre-Federal paper money is not covered. The book includes chapters on the printing process, the definition of paper money errors, each classification of error from paper processing to cutting errors. A concise grading guide is presented. The author included many tables listing known error sequences and series as specifically as possible in addition to providing representative illustrations.

(Thomas Serfass)

422 SYMES, PETER. The Bank Notes of the Qatar and Dubai Currency Board. *IBNS* 36 no. 3 (September 1997) pp. 18-22 illus.

A short history of the Trucial States is provided, followed by explanation of the reasons for establishment of a joint currency for Qatar and Dubai in 1966. The six notes issued under this arrangement are described in detail.

(Joseph E. Boling)

423 TURRO I MARTINEZ, A. Els signes monetaris fraccionaris de les Illes Belars durant la guerra 1936-1939. *Acta Num* 26 (1996) pp. 183-204.

424 ZELLWEGER, CHRISTOF. History of the Back of the Syrian 500 Pounds Note. *IBNS* 36 no. 3 (September 1997) p. 23 illus.

The current Syrian 500 pound note shows a bowl and a cuneiform-inscribed stone on its back, both from the ancient city of Ugarit. A short description of the modern discovery and excavations of Ugarit and of its significance are given. The literary aspects of Ugarit are the most important; many forms of early scripts have been found there, as represented by the cuneiform stone.

(Joseph E. Boling)

For additional references to Paper Money, see the following abstract:
Western and Central Europe, no. 309.

TOKENS AND JETONS

425 CSIFFÁRY, GERGELY. A baliga használata a Heves megyei iparvállalatoknál. [The custom of the "baliga" in the industrial activity in Heves]. I. Krankovics, ed., *A numizmatika és a társtudományok II* (Debrecen 1996) pp. 159-70. German summary.

426 CUNNINGHAM, PAUL A. *Military Tokens of the United States: Volume I (Domestic Issues)*. Tecumseh, Michigan, Michigan Exonumia Publishers 1995. xiii+440 pp. illus. ISBN 0-945008-04-X.

Thousands of U.S. military tokens, of all periods, are catalogued, followed by an index of inscriptions of these and thousands more that were used overseas (which will be cataloged in volume II).
(Joseph E. Boling)

427 DE BARROS, O.A.F. Two Slavery-Related Tokens from Brazil. *NI* 32 no. 5 (May 1997) pp. 138-40 illus.

Two fazenda tokens along with their issuers are discussed and illustrated.
(Joseph Uphoff)

428 FISCHER, ROGER A. *Tippecanoe and Trinkets Too: The Material Culture of American Presidential Campaigns, 1828-1984*. Urbana, University of Illinois Press 1988. x+323 pp. illus. ISBN 0-252-00960-6.

The author documents the medals, tokens, snuff boxes, thread boxes, crockery, lapel buttons, posters, and other items used to advertise the presidential candidates of 160 years. His stated purpose is to serve both collectors, who often have not understood the historical contexts of the material objects they collected, and political historians, who have confined their attention to documentary sources.

(Joseph E. Boling)

429 FREDETTE, THOMAS. The Other Store Cards of Central New York. *CWTJ* 31 no. 3 (Fall 1997) pp. 4-7 illus.

The author corrects two errors concerning New York tokens, that Oswego is in Central New York and did have CWTs and that also Oswego is not a "Finger Lakes town", while also presenting the Oswego tokens of M. L. Marshall which feature a fish, and were issued in several varieties.
(Thomas Serfass)

- 430** GIROUX, JEAN LUC. The Laurier Coin Shop Token. *CNJ* 42 no. 2 (March 1997) pp. 89-91 illus.

Details the origins and history of Marcel Gelly and his coin shop in Ste Foy, Quebec, are given. The store has been in continuous operation since the 1960's despite some changes in ownership. *(Thomas Serfass)*

- 431** KRAMER, HEINZ J. Die Marken des Arbeitserziehungslagers Wildstraße. *NNb* 46 (1997) pp. 277-79 illus.

Undated tokens of a "reeducation labour camp" are attributed to a camp established by the Nazis in Essen 1941 for foreign workers. *(Peter Ilisch)*

- 432** MAC KENZIE, KENNETH M. Ottoman Bilets and Tokens, used on ships sailing on Bosphorus and Golden Horn. *NI* 32 no. 10 (October 1997) pp. 249-55 illus.

Tokens used to pay ferry and steamer fares are discussed and illustrated. *(Joseph Uphoff)*

- 433** MORENO Y CASANOVA, J.L. Contramarca privada sobre un jeton francés. *GacNum* 126 (1997) pp. 49-55.

- 434** SCHMIDTSDORFF, DIETRICH. Wider die Branntweinpest, Über die Bedeutung der Kupfermarke des Bremer Mäßigkeitsvereins. *BBMG* 1 (1997) pp. 107-17 illus.

The author discusses a token issued in Bremen probably ca. 1845 by an association battling the misuse of alcohol. *(Peter Ilisch)*

REVIEWS

ALTHOFF, RALF, ed. Sammlung Köhler-Osbahr. Bd. IV. Römische Münzen. Duisburg 1997. Rev. Eva Wiséhn, *SNT* 6 (1997) p. 152.

AMANDRY, M. and G. LE RIDER, eds. Trésors et circulation monétaire en Anatolie antique. Paris 1994. Rev. William E. Metcalf, *AJN* 2nd series no. 9 (1997) pp. 157-59.

ASHTON, R.H., ed. Studies in Ancient Coinage from Turkey. London 1996. Rev. William E. Metcalf, *AJN* 2nd series no. 9 (1997) pp. 157-59.

Barcelona '92 Olympic Coins. The Official Program. Madrid 1988-92. Rev. Dana Bălănescu, *BSNR* 86-87 (1992-93, publ. 1996) p. 367.

BASTIEN, PIERRE. Le buste monétaire des empereurs romains. Wetteren 1992-94. Rev. William E. Metcalf, *AJN* 2nd series no. 9 (1997) pp. 150-54.

BASTIEN, PIERRE. Le monnayage de l'atelier de Lyon du règne de Jovien à la mort de Jovin (363-413). Wetteren 1987. Rev. Gh. Poenaru Bordea, *SCN* 10 (1993, publ. 1996) pp. 180-82.

BERGER, FRANK. Die Mittelalterlichen Brakteaten im Kestner-Museum. Hannover 1993. Rev. Gerhardt Hochstrasser, *BSNR* 86-87 (1992-93, publ. 1996) pp. 365-66.

BROWN, BLANCHE R. Royal Portraits in Sculpture and Coins: Pyrrhos and the Successors of Alexander the Great. New York 1995. Rev. Jane DeRose Evans, *AJN* 2nd series no. 9 (1997) pp. 139-43.

The Coins of the Quincentennial 1492-1992, Series I-III. Madrid 1990-92. Rev. Dana Bălănescu, *BSNR* 86-87 (1992-93, publ. 1996) pp. 366-67.

CRNOBRNJA, NIKOLA. Novac provincije Dakije u zbriki Svetozara St. Dušanića/The Coins of the Province of Dacia in the Collection of Svetozar St. Dušanića. Belgrade 1993. Rev. Dana Bălănescu, *BSNR* 86-87 (1992-93, publ. 1996) pp. 360-61.

DUNCAN, G.L. Coin Circulation in the Danubian and Balkan Provinces of the Roman Empire AD 294-578. London 1993. Rev. Oct. Iliescu, *BSNR* 86-87 (1992-93, publ. 1996) pp. 362-65.

ESTIOT, SYLVIANE, ed. Ripostiglio di Venèra Nuovo Catalogo Illustrato, Vol. II/1, Aureliano. Rome 1995. Rev. William E. Metcalf, *AJN* 2nd series no. 9 (1997) pp. 154-57.

GIARD, JEAN-BAPTISTE, ed. Ripostiglio di Venèra Nuovo Catalogo Illustrato, Vol. I, Gordiano III-Quintillo. Rome 1995. Rev. William E. Metcalf, *AJN* 2nd series no. 9 (1997) pp. 154-57.

HARL, KENNETH W. Coinage in the Roman Economy, 300 B.C. to A.D. 700. Baltimore and London 1996. Rev. David R. Hollander, *AJN* 2nd series no. 9 (1997) pp. 143-50.

HUBBARD, CLYDE, and DAVID O'HARROW. Hookneck: El Aguila de Perfil. Seattle 1997. Rev. Richard G. Doty, *WCN* June 1997 p. 6.

KROLL, JOHN H. The Athenian Agora XXVI: The Greek coins. Princeton, N.J. 1993. Rev. Edith Schönert-Geiß, *Gnomon* 69 (1997) pp. 561-62.

LOBEL, RICHARD *et al.*, eds. Coincraft's Standard 1997 Catalogue of English and UK Coins 1066 To Date. Rev. Eva Wiséhn, *SNT* 4 (1997) p. 100.

MOLVÖGIN, ARKADI. Die Funde westeuropäischer Münzen des 10. bis 12. Jahrhunderts in Estland. Hamburg 1994. Rev. Rainer Grund, *Zeitschrift für Ostmitteleuropa-Forschung* 45 no. 4 (1996) pp. 595-96.

PASSI, LEENA. Ilmiö mitalitaide. 1960-luvulla valetut suomalaiset mitalit. Jyväskylä 1996. Rev. T. Talvio, *Mitali — Medaljen* 1 (1997) pp. 25-30.

RAEDER, JOACHIM. Die Byzantinischen Münzen im Kestner-Museum. Hannover 1987. Rev. Gerhardt Hochstrasser, *BSNR* 86-87 (1992-93, publ. 1996) p. 365.

REED, FRED L. III. Civil War Encased Stamps. Port Clinton, Ohio 1995. Rev. Fred Schwan, *IBNS* 36 no. 3 (September 1997) pp. 44-45 illus.

The Reverse of the Coins for the Games of the XXV Olympiad Barcelona 1992, Third Series. Madrid 1991. Rev. Dana Bălănescu, *BSNR* 86-87 (1992-93, publ. 1996) pp. 367-68.

SCHÖN, G. Ecu-Katalog. Münzen und Medaillen. Augsburg 1993. Rev. Gerhardt Hochstrasser, *BSNR* 86-87 (1992-93, publ. 1996) p. 368.

Sylloge Nummorum Graecorum, IX. The British Museum. Part I: The Black Sea. London 1993. Rev. Gh. Poenaru Bordea, *BSNR* 86-87 (1992-93, publ. 1996) pp. 353-63.

TAN, STEVEN. Hong Kong Coin & Paper Money Catalogue (4th ed). Kuala Lumpur 1996. Rev. Jerry Remick, *IBNS* 36 no. 2 (June 1997) p. 48.

TAN, STEVEN. Standard Catalogue of Malaysia-Singapore-Brunei Coins & Paper Money (13th ed). Kuala Lumpur 1996. Rev. Jerry Remick, *IBNS* 36 no. 2 (June 1997) p. 47.

VAN KEUREN, FRANCES. The Coinage of Heraclea Luncania. Rome 1994. Rev. Andrew Burnett, *AJN* 2nd series no. 9 (1997) pp. 137-39.

WELLINGS, FRED and ALISTAIR GIBB. Bibliography of Banking Histories, Volume 1: Domestic Banks. Fife, Scotland 1997(?). Rev. Pam West, *IBNS* 36 no. 2 (June 1997) p. 17.

OBITUARIES

HAMMERICH, PETER (1922-1996). *NNUM* 2 (1997) pp. 24-26.

HATIE, GEORGE D. *CW* #1944 (July 14, 1997) p. 3; *NN* 46 no. 28 (July 15, 1997) p. 4.

LUNDGREN, PER (1911-1997). *NNUM* 4 (1997) pp. 72-73.

HOARD LIST

References are cited by abstract numbers to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

Technology and Methodology, No. 30

Greek, Nos. 67, 71, 72

Roman, Nos. 103, 112, 113, 118, 121, 124, 130, 135, 139, 145, 150, 151, 159, 160

Byzantine, Nos. 163, 164, 167

Near and Middle East, Nos. 185, 188, 193

Western and Central Europe, Nos. 207, 209, 227, 245, 250, 255, 259, 263, 272, 281, 286, 288, 289, 290, 293, 296, 307, 308, 313, 315

Eastern Europe and the Balkans, Nos. 320, 325

United States, Nos. 329, 331

SUBJECT INDEX

The references in this index are derived from the abstracts, and should not be regarded as an index of the original publications. Citations are to abstract numbers. The following abbreviations are used: cent. for century, num. for numismatic, coll. for collection.

- Armenia 75
Austria - coinage 246, 252, 281;
finds 207, 288, 319; medals 380,
381
Bosnia 323
Brazil 427
Byzantine - bullae 181; coinage
92, 144, 148, 163, 164, 167,
170, 172, 174, 175, 176, 177,
179, 180, 182, 183, 191, 195,
197; seals 178, 184; weights 66,
142
Canada 344, 378, 430
Carthage 58, 87
Celtic coinage 82, 88, 90
Cyprus 65, 195
Dacia 95
Denmark 221, 257, 258, 315;
medals 348, 377, 390
dictionaries 14
Dubai 422
Fatimid coinage 185
Fiji 415
Finland 300, 309; medals 346,
388, 389, 393
France 398
Germany - coll. 1, 11, 16, 17, 57,
93; coinage 208, 210, 211, 212,
213, 214, 218, 219, 220, 223,
230, 234, 236, 238, 239, 240,
243, 244, 248, 256, 262, 270,
273, 279, 295, 301, 302, 304,
310, 311, 315, 317; finds 13,
128, 209, 249, 250, 255, 261,
263, 265, 271, 280, 281, 307;
medals 347, 350, 358, 359, 360,
362, 366, 379, 382, 383, 384,
385, 386, 387, 391; mints 215,
232, 251, 294; paper money
418; tokens 431, 434
Greek coinage - hellenistic 36, 37,
45, 50, 53, 55, 64, 65, 66
Hungary - coinage 217, 224, 235,
242, 260, 267, 268, 269, 281,
285, 289, 303, 312, 313, 316,
322; finds 82; medals 365, 372,
376; paper money 417; tokens
425
India 201, 202, 203
Iran, ancient 33, 34, 35
Iraq 399
Ireland 206
Issa 86
Italy - coll. 68, 80, 136, 153, 166,
363; finds 272, 290; medals
363, 373; medieval and modern
229, 237, 290; mints 276

- Lithuania 285, 286, 325
 Luxembourg 318
 Lydia 38
- Macedonia 70, 78, 79, 83, 327, 394
 Mauretania 31, 32
 Mauritius 401, 414
 medals - Austria 380, 381;
 Canada 378; Denmark 348, 377, 390;
 Finland 346, 388, 389, 393;
 Germany 347, 350, 358, 359, 360, 362, 366, 379, 382, 383, 384, 385, 386, 387, 391;
 Hungary 365, 372, 376; Italy 363, 373;
 Romania 349, 354, 356, 361, 371, 374, 375;
 Russia 369; Scandinavia 367; Spain 352, 355;
 Sweden 368, 392; United States 357
 Mexico 345
 Moldavia 285, 286
 Morocco - finds 102
- Norway 258
 Numidia 31, 32
- Ostrogothic coinage 231
 Ottoman coinage 36, 285; tokens 432
- Palestine - finds 36, 37, 39, 45, 51, 52, 63, 64, 73, 74, 91, 92, 97, 98, 99, 115, 120, 122, 123, 149, 170, 181, 182, 183, 190, 197, 198, 199
 Parthia 146
 Patin, Charles 3, 4, 5, 8, 9, 18, 21
 Persia 33, 34, 35
- Poland 285, 286, 325, 419, 420
 Portugal - coinage 222; finds 162
 Punic coinage 31, 47, 49, 56, 58, 59, 60, 200
- Qatar 422
- Romania - coll. 44, 175; finds 71, 81, 325; medals 24, 349, 354, 356, 361, 371, 374, 375; paper money 402, 412
 Rome - imperial 27, 103, 104, 108, 109, 112, 113, 114, 115, 118, 120, 122, 123, 125, 127, 128, 130, 132, 137, 139, 140, 143, 145, 148, 149, 150, 151, 152, 156, 157, 160, 161;
 Republican 71, 96, 105, 106, 133, 135, 136; weights 66, 142
 Russia 324, 369, 403
- Scandinavia 277, 367
 Serbia 320
 Sicily - Greek 41, 43, 47; Roman 111
 Sigtuna coinage 278
 Slavonia 321
 Slovenia 326, 405, 406, 407
 South Africa 205
- Spain - ancient 40, 85, 96, 107, 116, 117; medieval and modern 225, 226, 227, 228, 254, 274, 275, 282, 297, 298, 299, 314; medals 352, 355; paper money 413, 423; tokens 433
 Sweden - coinage 247, 278, 285; coll. 12; medals 368, 392
 Syria 424
- Tibet 204

Tranquebar 203

Transylvania 288, 289, 296, 313,
325

Ukraine 400

United States - cents 333, 337;
coppers 328, 343; dimes 332;
gold 330; half cents 338; half
dollars 336, 341, 342; half
eagles 339; medals 357; paper
395, 396, 397, 408, 421; tokens
426, 428, 429

Venice 320, 322

Yugoslavia 110, 404, 406

AUTHOR INDEX

- Abascal, J.M. 26
 Abu 'Assaf, 'Ali 163
 Abu Rea, R. 92
 Aho, Arvo 346
 Alexandropoulos, J. 31, 32
 Al-Fituri Ahmad S. 185
 Alram, Michael 33, 34, 35, 207
 Alther, Wulf 271
 Althoff, Ralf 93, 208
 Amar, Z. 186
 Amit, D. 36, 37, 183
 Apostolescu, S. 177
 Ardevan, Radu 38, 95
 Arevalo Gonzalez, A. 96
 Ariel, D.T. 74, 164
 Arnold, Paul 1, 159, 209, 391
 Arnold, Thomas 210, 211, 212, 213
 Aronshtam, A. 97
 Arslan, E.A. 98
 Auer, Eberhard 347
 Aust, Horst 214
 Aviram, M. 39
 Ayalon, E. 123
- Bahnsen, Steen J.M. 348
 Bahri, Lotfi 187
 Balaguer, A.M. 228
 Balanescu, Dana 2
 Bannicke, Elke 215, 216
 Barta, Gábor 217
 Barta, János 217
 Bartel, Helmut 394
 Baruch, Y. 99
 Bauman, V.H. 100
- Beckmann, Martin 101
 Behr, Gerd 218, 219
 Bejarano, Ana 107
 Bela, Nagy 349
 Bendig, Hanfried 350
 Beniche, Nadia Laroussi 102
 Benjamin, Ch. 351
 Ben-Michael, Y. 192
 Berman, A. 192
 Bertsch, Wolfgang 204
 Bijovsky, G. 97, 99, 115, 182, 197
 Billig, Y. 73
 Blajan, Mihai 289
 Blasko, Mihaela 188
 Bobbe, Jerry 328
 Bogaert, Raymond 165
 Borić-Brešković, Bojana 103
 Boteva, Dilyana 104
 Bowers, Q. David 329
 Brace, Bruce R. 105, 106
 Brace, Dorte 221
 Braga, Carlos Peixoto 222
 Braun, Hans 395
 Browne, Gerald M. 201
 Brozatus, Klaus-Peter 223
 Butcher, Kevin 27
 Buttrey, S.E. 28
 Buttrey, T.V. 28, 330
 Buza, János 224
- Cabrillo Rodriguez, F. 352
 Callegher, Bruno 166
 Campanelli, Adele 167
 Canto, Alicia M. 107, 225
 Cărlan, M. 176

- Caspar, Helmut 353
 Chaves, M.J. 226
 Chaves, R. 226
 Christiansen, Erik 108
 Ciofu, Valerian 354
 Clarke, W.N. 206
 Collantes Perez-Arda, E. 40
 Consolo Langher, Sebastiana
 Nerina 41, 42, 43
 Costa, F. 227
 Cotton, Hannah M. 89
 Covello-Paran, K. 115
 Crnobraja, Nikkola A. 109, 110
 Crusafont I Sabater, M. 228, 355
 Csiffáry, Gergely 425
 Cunningham, Paul 426
 Curdov, N. 356, 375
 Cutroni Tusa, Aldina 111, 229

 Dannenberg, Hans-Dieter 230
 Daryae, Touraj 202
 De Barros, O.A.F. 427
 Dekesel, Christian E. 3
 Del Negro, Piero 4
 Demo, Želinko 231
 Donoiu, Ion 177
 Doty, Richard G. 396
 Drissi, Farhat 189
 Dudau, Oltea 44
 Dumitrascu, Aruel 112
 Dunn, Hal V. 357

 Eden-Bajowitz, D. 39
 Eggert, Edwin 232
 Egri, János 233
 Ellsworth, Steve 331
 Emmerig, Hubert 234
 Engel, Pál 235
 Erzmann, Hubert 236
 Estiot, Sylviane 113

 Falater, Lawrence 397
 Favaretto, Irene 5
 Feller, Rachel 398
 Finetti, Angelo 237
 Fischer, Roger A. 428
 Fisher, Jack H. 399
 Fivaz, Bill 6
 Fletcher, D. 7
 Forschler, Anne 238, 239
 Fortin, Gerry 332
 Fournet, Jean-Luc 168
 Fredette, Thomas 429
 Frenkel, R. 45
 Friebe, Hans 240, 358, 359, 360

 Gabucci, Ada 114
 Gal, Z. 115
 Galani-Cricou, Mina 46, 169
 Galili, E. 181
 Gandolfo, Lucina 47, 48, 49
 Garami, Erika 231
 Garcia Garrido, M. 116
 Garzon Blanco, A. 117
 Gedai, István 242
 Giard, Jean-Baptiste 118
 Giberti, Maria Valeria 50
 Gierow, Gerhard 243
 Giroux, Jean Luc 430
 Gisevius, B. 244
 Gitler, H. 51, 190
 Göbl, Robert 119
 Godovitz, S. 120
 Goldhahn, Christel 360
 Goncharuck, William D. 400
 Gorini, Giovanni 8, 121
 Gorsalsani, A. 52
 Gozalbes, M. 26
 Griffiths, Owen 401
 Grimm, Günter 53

Grund, Rainer 245
Gudovitch, S. 122
Guillemain, Jean 9

Hahn, Wolfgang 246
Haleila, Kh. 170
Hammarberg, Inger 247
Hanganu, Liliana 361, 402
Harpazi, O. 123
Hatz, Gert 248, 249
Haupt, Peter 124
Hayward, Ann 205
Heidemann, Martin 362
Henkelman, Wouter 54
Henry, Red 333
Herholz, Helmut 250
Hess, Wolfgang 251
Hippmann, Fritz 252
Högye, István 253
Hopartan, Ana 160
Houghton, Arthur 55
Hubbard, Clyde 345

Ibañez Artica, M. 254
Ibrahm, T. 225
Iliescu, Oct 10
Ilisch, Peter 11, 255, 256
Ionescu, Mihai 148
Israel, Y. 192
Istomin, M. 403
Ivanauskas, Eugenijus 257
Ivanišević, Vujadin 320

Janzen, Ernest P. 125
Jelinčič, Zmago 404, 405, 406, 407
Jensen, Jørgen Steen 12, 258, 259
Jensen, Uno Barner 203
Johnson, Cesare 363
Jonsson, Kenneth 256

Karlovits, Károly 260
Keil, Peter 391
Keiling, Horst 261
Kelly, Don C. 408
Kiss, Attila 171
Klein, Ulrich 13, 23, 262, 263
Kluge, Bernd 23
Koenen, Ulrike 126
Köhegyi, Mihály 127, 264
Köhl, Christian 265
König, Ingemar 128
Konrad, Michaela 129
Kopač, Viktor 364
Korčmaroš, Ladislav 321
Kovács, László 267, 268
Kovaszai, Viktoria 365
Kramer, Heinz J. 431
Krankovics, Ilona 269
Kremydi-Sicilianou, Sophia 130
Kreneveld, Peter 29
Krings, Véronique 56
Kroha, Tyll 14
Kromann, Anne 131
Küpper-Eichas, C. 244

Laabs, Rainer 366
Lagerqvist, Lars O. 367, 368
Lakatos, Sarolta 369
Landis, Ron 334
Lauerwald, Paul 271
Lee, Lawrence J. 335
Lehnen, Joachim 132
Leschhorn, Wolfgang 57
Levius, Harold 409
Libero Mangeri, Giuseppe 272
Lilčit, Victor 78
Link, Eberhard 273
Lipinski, E. 58
Llobet I Portella, J.M. 274, 275
Logan, Russell J. 336

- Löning, G. 244
 Loomis, William T. 133
 Lorenzo, John 337

 Macaluso, Rosalia 135, 136
 MacKenzie, Kenneth M. 432
 Macripó, Alba 276
 Malmer, Brita 277, 278
 Mandić, Ranko 15
 Manfredi, Lorenza Ilia 59, 60
 Manganaro, Giacomo 61, 62
 Manley, Ron 338
 Manucu-Adamesteanu, Gh. 172,
 173, 174, 175, 176, 177
 Manucu-Adamesteanu, Mihaela
 137
 Marcos Alonso, C. 96
 Martin, Gerhard 279
 Martin, Peter-Hugo 280
 Martinez, A. 293
 Martini, Rodolfo 363
 Matache, Corneliu 188
 Mazor, G. 63
 Meshorer, Y. 64, 191
 McCloskey, John W. 339
 Metcalf, D. Michael 195
 Mettlich, Michael 207
 Michaelis, Anthony R. 410
 Mihailescu-Barliba, V. 138, 139
 Milstein, R. 197
 Mirnik, Ivan 322, 323
 Mittermeier, Irene 281
 Moll Mercadal, B. 282
 Moga, V. 153
 Moore, Roger 337
 Morello, Giovanni 370
 Morene y Casanova, J.L. 433
 Mündl, Klaus 283
 Munzi, Massimiano 140
 Musser, Dwight 411

 Nagy, László G. 284
 Nahlieli, D. 192
 Nick, Michael 124
 Nicolae, Eugen 193, 285, 356
 Nicolaou, Ino 65
 Niculita, Ana 193, 286
 Noonan, Thomas S. 324
 Novák, Mirko 141
 Nuxoll, Elizabeth M. 340

 Ocheșeanu, Radu 66, 67, 287, 325,
 371, 402, 412
 Oertel, Jeffrey L. 341
 O'Harrow, David 345
 Oikonomides, Nikos 178
 Olivieri, Achille 18
 Ourso, Lynn 342

 Palma, Felix 107
 Pandula, Attila 372
 Pap, Francisc 288, 289
 Papageorgiadou-Bani, Charikleia
 67
 Parise, Nicola Franco 68
 Pavel, Viorica 143
 Paz Bernardo, J. 413
 Peduto, Paolo 290
 Pellicer I Bru, J. 194, 291
 Petac, Emanuel 144, 145, 146, 179
 Petrányi, Gyula 69
 Petrova, Eleonora 70
 Petry, Klaus 292
 Pirzio Biroli Stefanelli, Lucia 373
 Pitsillides, G. Andreas 195
 Poenaru Bordea, Gh. 137, 147
 Pogačnik, Albin 326
 Poll, Ingrid 176, 177
 Ponting, Matthew 27
 Popa, Cornel 374, 375

- Popescu, Adrian 71, 148
 Popovska, Daniela 327
 Porath, L. 149
 Preda, Constantin 19, 150, 180
 Protonotarios, Petros 72

 Rainer, Pál 376
 Rašković, Dušan 151
 Rasmussen, Else 377
 Reich, R. 73
 Rey, C. 414
 Riklin, S. 74
 Ripolles, P.P. 26, 293
 Risch, Uwe 294
 Rispling, Gert 249
 Röblitz, Günther 295
 Rodgers, K.A. 415
 Römer, Christiane 141
 Rosenman, Richard 416
 Rovelli, Alessia 20
 Rózsa, Gábor 417
 Rusu, Adrian Andrei 296

 Saccocci, Andrea 21
 Sachse, Hilbert 418
 Salterio, Earl 378
 Sanahuja Angera, X. 297, 298, 299
 Sarig, N. 183
 Sarvas, Pekka 300
 Saryan, L.A. 75
 Savage, Elizabeth 185
 Savio, Adriano 22
 Schachinger, Ursula 152
 Schauer, Burkhard 23, 379
 Schmidt-Dick, Franziska 153
 Schmidtsdorff, Dietrich 434
 Schönert-Geiß, Edith 76, 154
 Schultz, Carsten 301
 Schulz, Karl 380
 Schütz, Arthur 302

 Schütze, W. 244
 Schwarz, Walter 381
 Scuderi, Alberto 229
 Seibert, Jakob 155
 Seiterle, Gérard 77
 Šeldarov, Nikola 78
 Seligman, J. 156
 Shamma, Samir 196
 Sharvit, Y. 181
 Silberbud, J. 37
 Silgo, L. 7
 Simion, Gavrilă 157
 Sion, O. 182, 197
 Sluszkiewicz, Tomasz 419, 420
 Smaranda, Aurica 24, 158
 Sokolovska, Viktorija 79
 Soós, Ferenc 303
 Spehr, Reinhard 159
 Stadler, Michael 304
 Stark, H. 156
 Steguweit, Wolfgang 305, 306,
 307, 382, 383, 384, 385, 386,
 387
 Stern, E. 149
 Suchodolski, Stanislaw 308
 Suci, Viorica 160
 Sullivan, Stephen M. 421
 Symes, Peter 422
 Syon, D. 198

 Tacher, A. 199
 Talmaçhi, Gabriel 81
 Talvio, Tuukka 309, 388, 389
 Tameanko, Marvin 161
 Teichner, Felix 162
 Terranova, Anthony 343
 Tewes, Lothar 310, 311
 Thompson, George H. 344
 Torbágyi, Melinda 82
 Tsiferis, V. 183

Turro I Martinez, A. 423

Ujes, Dubravka 83

Ulrich, Attila 312

Urmston, Richard 395

Vasilopoulou, Vivi 84

Velter, Ana Maria 313

Verdejo Sitges, J.C. 314

Villaronga, L. 85

Vintaloro, Angelo 229

Virk, Wolfgang 315, 390

Visonà, Paolo 86, 87, 200

Voigtländer, Heinz 25

Vörös, Gabriella 127

V.Székely, György 316

Wagner, Herfried 317

Wallach, Z. 170

Weber, Dieter 391

Weiller, Raymond 88, 318

Weiser, Wolfram 89, 184

Werner, Hansjürgen 90

Wiechmann, C. 244

Winter, Heinz 207, 319

Wiséhn, Ian 392

Yeivin, Z. 91

Ylinen, Allan 393

Zellweger, Christof 424

Zeuge, Wolfgang 30

Zias, J. 156

REF NUMISMATIC
LITERATURE

REF
Z6866
.N97

No. 140

September 1998



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

THE AMERICAN NUMISMATIC SOCIETY

Founded 1858 Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are forty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly Newsletter are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

NUMISMATIC LITERATURE

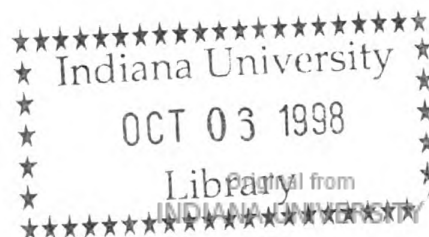
No. 140

September 1998



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

Digitized by Google



**COPYRIGHT 1998 BY
THE AMERICAN NUMISMATIC SOCIETY**

**ISSN 0029-6031
ISBN 0-89722-274-1**

**PRINTED IN U.S.A.
AT BRAUN-BRUMFIELD, INC., ANN ARBOR, MICHIGAN**

CONTENTS

PREFACE.....	v
CONTRIBUTING EDITORS	vi
GUIDE FOR ABSTRACTORS	xii
PERIODICAL ABBREVIATIONS	xiv
GENERAL.....	1
TECHNOLOGY AND METHODOLOGY	6
GREEK.....	8
ROMAN	36
BYZANTINE.....	59
NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN.....	62
INDIA AND SOUTH ASIA	71
EAST ASIA	72
AFRICA -- MEDIEVAL AND MODERN.....	74
EUROPE -- MEDIEVAL AND MODERN.....	74
GREAT BRITAIN AND IRELAND.....	74
WESTERN AND CENTRAL EUROPE	85
EASTERN EUROPE AND THE BALKANS	107
THE AMERICAS	110
UNITED STATES	110
CANADA	113
MEXICO, CENTRAL AND SOUTH AMERICA.....	114
MEDALS AND DECORATIONS.....	115
PRIMITIVE MONEY	127
PAPER MONEY.....	128
TOKENS AND JETONS	139
REVIEWS	144
OBITUARIES.....	148
HOARD LIST.....	149
SUBJECT INDEX.....	150
AUTHOR INDEX.....	154

PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

International Editor

Harriet Schwartz
The American Numismatic Society
Broadway at 155 Street
New York, NY 10032
email: hss@ma.ultranet.com

Australia and New Zealand

John Sharples
Senior Curator, Numismatics
Museum of Victoria
P.O. Box 666E
GPO, Melbourne 3000
email: jsharples@mov.vic.gov.au

Austria

Günther Dembski
Kunsthistorisches Museum
Sammlung von Medaillen, Münzen und Geldzeichen
Burgring 5
A-1010 Wien I
email: guenther.dembski@telecom.at

Belgium

Johan van Heesch
Musées Royaux d'Art et d'Histoire
Koninklijke Musea voor Kunst en Geschiedenis
Parc du Cinquantenaire 10
B - 1040 Brussels

Brazil, Portugal

Alain Costilhes
Alameda Franca, 870 ap. 17
01422-001 - São Paulo - SP
Brazil
email: costil@ibm.net

Bulgaria

Iordanka Youroukova
Acad. Bulgare des Sciences
Section numismatique
Institut Archéologique et Musée
Boul. Stambolijski 2
Sofia

Cyprus

Andreas Pitsillides
P.O. Box 1019
Nicosia

Czech Republic

Zdenka Nemeškalová-Jirouňková
Académie Tchecoslovaque des Sciences
Institut d'Archéologie Letenská 4
Praha 1

Denmark

Jens Christian Moesgaard
Royal Coin Cabinet
Nationalmuseet
Dk 1220 Copenhagen K

Finland

Tuukka Talvio
Coin Cabinet
National Museum
PL 913
00101 Helsinki 10
email: Tuukka.Talvio@nba.fi

France

Michel Amandry/Marc Bompaire/François Thierry
Cabinet des Médailles, Bibliothèque Nationale
58, rue de Richelieu
75084 Paris
email: michel.amandry@bnf.fr
francois.thierry@bnf.fr

Germany

Paul Arnold
Staatliche Kunstsammlung Dresden
Münzkabinett
Postfach 450
8012 Dresden

Peter Ilisch
Westfälisches Landesmuseum für Kunst und Kulturgeschichte
48143 Münster
Domplatz 10

Hans Roland Baldus/Johannes Nollé
Kommission für Alte Geschichte und Epigraphik
Amalienstr. 73b
D-80799 München
email: nolle@gmx.de or info@aei.dainst.de

Great Britain

Martin Allen
Department of Coins and Medals
The Fitzwilliam Museum
Cambridge CB2 1RB
email: mra25@cam.ac.uk

CONTRIBUTING EDITORS

ix

Greece

Mando Caramessini Oeconomides
Numismatic Collection of Athens
Heyden Street 30
Athens 10434

Hungary

Melinda Torbágyi
Keeper of the Cabinet of Coins and Medals
Magyar Nemzeti Múzeum
H. 1370 Budapest
Postafiók 364
email: torbágyi@hnm.hu

India

Amiteshwar Jha
Indian Institute of Research in Numismatic Studies
P.O. Anjaneri
Dist. Nasik
Maharashtra

Israel

Arnold Spaer
P.O. Box 750
Jerusalem 91 007

Italy

Sara Sorda
Istituto Italiana di Numismatica
Palazzo Barberini
00184 Roma

Japan

Col. Joseph E. Boling
P.O. Box 8099
Federal Way
Washington 98003-0099
email: JoeBoling@aol.com

Jordan

Saleh Sari
Yarmouk University
Irbid

Latin America

Horace P. Flatt
209 Brookhollow Drive
Terrell, TX 75160

George Lill III
Casilla 5973
La Paz, Bolivia

Luxembourg

Raymond Weiller
Cabinet des Médailles
Musée d'Histoire et d'Art
Marchè-aux-Poissons
Luxembourg

Netherlands

Arent Pol
Rijksmuseum Het Koninklijk Penningkabinet
Postbus 11028
2301 EA Leiden

Norway

Professor Kolbjørn Skaare
Oslo University Coin Cabinet
Frederiks gate 2
N 0164 Oslo 1

People's Republic of China

Yao Shuomin
Deputy Chief Editor
China Numismatics
32 Cheng Fang Jie
100800 Beijing

Poland

Maciej Widawski
National Museum, Warsaw
Coins and Medals Department
Al. Jerozolimskiem 3
00-495 Warsaw

Romania

Constantin Preda
Biblioteca Academiei Romane
Cabinetul Numismatic
Calea Victoriei 125
Bucuresti

Russia

Vera Guruleva
Numismatic Department
State Hermitage Museum
198215 St. Petersburg

Saudi Arabia

Sammir Shamma
PO. Box 468
Jeddah

**Slovenia, Croatia, Bosnia and Herzegovina, Yugoslavia, and F.Y.R.O.M.
(Former Yugoslav Republic of Macedonia)**

Charles B. Smith, Jr.
10613 Seneca Ridge Dr.
Montgomery Village, MD 20886
email: csmithjr@erols.com

Spain

Leandre Villaronga
C. Còrcega 351-2
08037 Barcelona

Sweden

Ian Wiséhn
Royal Coin Cabinet
Box 5405
S 114 84 Stockholm

Switzerland

Benedikt Zäch
Münzkabinett der Stadt Winterthur
Lindstr. 8
Postfach 428
CH-4801 Winterthur
email: zaech@dial.eunet.ch

Markus Peter
Römermuseum
Römerstadt Augusta Raurica
CH-4302 Augst BL
email: mail@augusta-raurica.ch

Tunisia and North Africa
Khaled Ben Romdhane
Institut National d'Art et d'Archéologie
4 Place du Château
1008 Tunis

Turkey
Ömer Diler
P.K. 52
07401 Alanya

United States and Canada
Thomas Serfass
Money Museum Outreach Project
3134 South Grand Ave.
St. Louis, MO 63118

GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Submitting Material on Diskette

Material may be sent to the International Editor in printed form or on diskette. Contributors wishing to use the latter form should submit an IBM-readable diskette containing files in one of the following formats:

WordPerfect for MS-DOS	Version 5.x, 6.x
WordPerfect for Windows	Version 5.x, 6.x
Microsoft Word for MS-DOS	Versions 3.0, 4.0, 5.0, 5.5, or 6.0
Microsoft Word for Windows	Versions 1.x, and later
Microsoft Word for the Macintosh	Versions 4.x and 5.x
Microsoft Write for Windows	
ASCII Text	

Where an email address is provided, abstracts may be submitted via electronic mail. However, since diacritical marks generally do not transmit correctly, please also send a hard copy (printed) version to the editor.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

GENERAL

1 ABAD VARELA, M. Creación del monetario de la Real Academia de San Fernando a partir de un depósito monetario del siglo III d.C. *Numisma* 238 (1996) pp. 309-21.

2 ARNOLD, PAUL. Gabinet Monet. *Pod jedną koroną - królewskie zbiory sztuki w Dreźnie [Exhibit in the Warsaw National Museum 26 June - 12 October 1997]* (Warsaw 1997) pp. 191-93.

The history of the coin collection of Dresden from the 16th century to the beginning of the Seven Years' War in 1756 is illustrated by selected coins and medals. (Author)

3 ARNOLD, PAUL. Walter Schwinkowski in memoriam. *Erfurter Münzblätter* 5 (1997, publ. 1998) pp. 17-22.

The author describes the life and work of Walter Schwinkowski, who presided over the Dresden Coin Cabinet from 1924 to 1937. (Author)

4 BALAGUER, A.M. El cincuentenario de un numismático, el Sr. Wadi Saba Sumer. *GacNum* 127 (1997) pp. 63-64.

5 BENAGES, J. Las monedas de Tarragona (Addenda primera). *BuillArq* 5, 17 (1995) pp. 37-53.

6 BERGHAUS, PETER. Zu den graphischen Bildnissen Charles Patins. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 37-49 illus.

7 BERGHAUS, PETER. Numismatiker im Porträt. 43. Georg Galster 17. Mai 1889 Kopenhagen - 8. September 1983 Hellerup. *GN* 32 (1997) pp. 344-47 illus.

8 BOWERS, Q. DAVID. Coin Collecting: Maximizing the Rewards. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 61-68 illus.

- 9** CALLATAÿ, FRANÇOIS DE. L'importance des collections du Cabinet des Médailles de Bruxelles. *RBN* 142 (1996) pp. 255-67.

This article resumes the recent enumeration of the holdings of the coin cabinet in Brussels. The total figure for the library is ca. 36,000 books (periodicals, sales, pamphlets) and 200,000 monetary items including 80,000 coins, 37,000 medals (not taking into account ca. 20,000 religious medals), 18,000 notes, 13,000 tokens, 6,000 decorations, etc. More details are given for each category. (Author)

- 10** CAMBER, ADVERSE. Shakespeare as numismatist. *NCirc* 105 (1997) pp. 4-5.

- 11** CATARZI, MARCELLO. Il simbolo-denaro tra norma e rappresentazione. Aspetti del retroterra filosofico dell'opera di Bernhard Laum. Nicola F. Parise, ed., *Bernhard Laum. Origine della moneta e teoria del sacrificio*. Atti dell'incontro di studio, Roma 1995 (Rome, Istituto Italiano di Numismatica) pp. 17-42.

The author examines the main themes of Laum's intellectual speculation in the period between 1924 and 1930, drawing upon numismatics, philosophy and political economics. (A. Carignani)

- 12** CHINO, ELISABETTA. Il Museo Bottacin di Padova nei documenti e nella figure del suo fondatore (1805-1876). *Bollettino del Museo Civico di Padova* 81 (Padova 1992) pp. 229-70 illus.

- 13** CRIBB, JOE. The new HSBC Money Gallery at the British Museum. *Yorkshire Numismatist* 3 (1997) pp. 237-39.

- 14** GARCIA-BELLIDO, M.P. Diálogo de monedas. *Ex Roma Lux, La Roma antigua en el Renacimiento y el Barroco* (Madrid, Biblioteca Nacional 1997) pp. 43-51.

- 15** GIROLA, GIUSEPPE. 50 anni fa venne donata all'Italia la Collezione Reale. *RIN* 98 (1997) pp. 311-12.

The article contains brief notes on the collection of Victor Emanuel III of Savoy, donated to the Italian state 50 years ago. (A. Carignani)

- 16** GOLABIEWSKY LANNBY, MONICA and EVA WISÉHN. The Royal Coin Cabinet, Stockholm, 1991, 1992. *NNÅ* 1992-93 (publ. 1997) pp. 155-68 illus.

Coin finds incorporated with the Stockholm collections and finds registered at the Royal Coin Cabinet but allocated to local museums are reported.

(Ulla Westermark)

17 GUIDO, FRANCESCO. *Bosa. Le monete del Museo Civico*. Milan 1993. 170 pp. illus.

The author publishes the small numismatic collection in the museum. Containing 224 coins of various periods (Greek, Punic, Roman, Byzantine, medieval and modern), the collection was assembled in the period between the two World Wars.

(A. Carignani)

18 HECK, EBERHARD. Hildebrecht Hommel †. *Gnomon* 69 (1997) pp. 651-56 illus.

The activities in ancient numismatics at Tübingen of the late Prof. Hommel are sketched on pp. 655 ff.

(Hans R. Baldus)

19 HEIDEMANN, STEFAN. Das Orientalische Münzkabinett in Jena. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 43-51.

The author discusses the history of oriental numismatics and the oriental coin collection at the Friedrich Schiller University at Jena from the end of the 18th century to World War I.

(Wilhelm Hollstein)

20 ILISCH, PETER. Münzfunde 1991-1993. *Ausgrabungen und Funde in Westfalen-Lippe* 9/A (Münster 1997) pp. 373-455 illus.

The author publishes coin finds, both hoards and single finds, from Westphalia. These include Celtic, Roman, medieval and early modern pieces.

(Author)

21 INGVALDSEN, HÅKON. The University Coin Collection, Oslo 1991-92. *NNÅ* 1992-93 (publ. 1997) pp. 150-54.

Coins finds incorporated with the Oslo collection and with other Norwegian museums in 1991-92 are reported.

(Ulla Westermark)

22 JÄGER, ROLAND. Aus der Geschichte der Münzsammlung der Universitätsbibliothek Leipzig. *Erfurter Münzblätter* 5 (1997, publ. 1998) pp. 47-54.

23 JENSEN, JØRGEN STEEN. Denafæ 1996. Den kgl. Mønt- og Medaillesamling [Coins registered as Danish treasure trove in 1996]. *Arkæologiske udgravninger i Danmark 1996* (Copenhagen 1997) pp. 259-71 illus.

The author presents the annual survey of coins found as single finds or hoards, 81 finds totalling ca. 9,000 coins. Among the finds were more than 3,000 medieval coins found at the remnants of the former town of Tårnborg. (Author)

24 JENSEN, JØRGEN STEEN. Den kongelige Mønt- og Medaillesamling—en nationale hovedsamling [The Royal Collection of Coins and Medals—the general collection]. *NatA* 1997 pp. 206-15 illus. English summary.

25 KRASNOV, GJURO. Slovenski numizmatiki: Dr. Andrej Rant [Slovenian numismatists: Dr. Andrej Rant]. *Numizmatični vestnik* 24 (1996) pp. 99-103 illus.

Brief biographical notes and an extensive bibliography of this specialist in Celtic coins are provided. (Charles B. Smith, Jr.)

26 LLORENS, M. DEL M., P.P. RIPOLLES and C. DOMENECH. *Monedas d'ahir. Tresors d'hui*. Valencia 1996. 64 pp.

27 MACALUSO, ROSALIA. Le monete della Collezione civica di Favignana. *Studi sulla Sicilia occidentale in onore di Vincenzo Rusa* (Padua 1993) pp. 111-18 illus.

The author publishes the 46 coins in the collection of the Museo di Favignana in western Sicily. These coins range from the Punic period to Byzantine times (end of the 4th century B.C. to the 7th century A.D.). (A. Carignani)

28 MAMMINA, GIUSEPPINA. Le monete (1993). Segesta. Parco Archeologico e relazioni preliminari della campagna di scavo (II). *AnnaliSNPisa* 25 no. 4 (1995) pp. 1260-95 illus.

The author publishes 177 coins, mostly bronze, found in excavations at Segesta in 1993. These include Sicilian coins of the 3rd to 1st centuries B.C., Punic, Roman, denari of Federico II of Svevia, and coins of the republic of Genoa. (A. Carignani)

29 PELLICER I BRU, J. *Repertorio paramétrico-metrológico antiguo*. Col. Vives y Escudero 7. Barcelona, Asociación Numismática 1997. 250 pp.

30 PICKUP, D.R. 'I am about to start a Numismatic Journal.' *NCirc* 104 (1996) p. 45.

This is a summary of letters from John Yonge Akerman, founder of the *Numismatic Journal*, the precursor of the *Numismatic Chronicle*. (Martin Allen)

- 31** PIŠEK, BLAŽ. Slovenska numizmatična bibliografija [Slovene numismatic bibliography]. *Numizmatični vestnik* 24 (1996) pp. 13-16.

The author lists 35 publications on ancient, medieval and modern numismatics.
(Charles B. Smith, Jr.)

- 32** PLANT, RICHARD. Eras in numismatics. *Yorkshire Numismatist* 3 (1997) pp. 143-47.

An introduction to dating systems on coins is provided. (Martin Allen)

- 33** RIPOLLES, P.P. and F. ARASA. Noticias numismáticas de fra Bartolomé Ribelles. *Quaderns de Prehistòria i Arqueologia de Castelló* 1996 pp. 405-18.

- 34** SERRANO, B.M. Manuel Rodriguez Berlanga (1825-1905) y los estudios numismáticos. *Numisma* 238 (1996) pp. 343-52.

- 35** SITCH, BRYAN. Leeds Museums and Galleries: numismatic collections. *Yorkshire Numismatist* 3 (1997) pp. 235-36.

- 36** WALLENSTEIN, UTA. Sammeln - Bewahre - Präsentieren. Das Gothaer Münzkabinett in Aspekten. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 13-18.

- 37** WALTHER, GERRIT. Adel und Antike. Zur politischen Bedeutung gelehrter Kultur für die Führungselite der Frühen Neuzeit. *Historische Zeitschrift* 266 (1998) pp. 359-85.

The role of collecting coins and other antiquities by the European elite during the 15th to 18th centuries is sketched on pp. 369 ff. (Hans R. Baldus)

- 38** WILDE, GILBERT DE. Monnaies au musée de Pessinonte. *Epigraphica Anatolica* 28 (1997) pp. 101-14 illus.

The author lists 49 specimens found by chance at Pessinus and in its neighborhood (3 Hellenistic, 1st c. B.C.; 5 Greek Imperial; 27 Roman Imperial, 3rd-5th c.; 8 Byzantine, 5th -11th c.; 1 Seljouk, 13th c.; 5 Ottoman, 15th-20th c.); some are illustrated (enlarged). (Hans R. Baldus)

- 39** WISÉHN, IAN. Försäljningen av Gustaf Lorichs samling till Kungl Myntkabinettet [The sale of the Lorichs collection to the Royal Coin Cabinet, Stockholm]. *NNUM* 3 (1998) pp. 34-38 illus. In Swedish.

The author recounts how the larger part of the important collection of Celtiberian and Roman coins, formed by the Swedish diplomat G.D. Lorichs (1785-1855) in Spain, was acquired for the Stockholm collection in the 1860s. (Ulla Westermark)

40 WITHERS, PAUL. The definite article: advice from a numismatic scribbler. *Yorkshire Numismatist* 3 (1997) pp. 149-53.

The writer gives advice to authors of numismatic articles. (Martin Allen)

41 WITTENBURG, ANDREAS. Bernhard Laum economista. Nicola F. Parise, ed., *Berhard Laum. Origine della moneta e teoria del sacrificio* (Rome, Istituto Italiano di Numismatica 1997) pp. 7-15.

TECHNOLOGY AND METHODOLOGY

42 AL SA'AD, ZAID and N. GOUSSOUS. Scientific Analysis of a Collection of Early Umayyad Copper-Based Coins of Bilad al Sham. *Yarmouk Numismatic Journal* 9 (1997).

43 BARTULI, CECILIA, CLAUDIO BOTRÉ and ENRICO FABRIZI. Analisi mediante fluorescenza con raggi X di monete argentee romane di periodo repubblicano: un'interpretazione storica. *RIN* 98 (1997) pp. 85-107.

X-ray fluorescence was applied to some Roman denarii and quinarii to determine the composition of the silver alloy, and the results were compared to similar studies of aurei. (A. Carignani)

44 CALLATAÏ, FRANÇOIS DE. Calculating ancient coin production: seeking a balance. *NC* 155 (1995) pp. 289-312.

This article is a reply to Buttrey's articles published in 1993 and 1994 in *NC*. Instead of his theoretical "we should do nothing," this study assembles facts in order to determine what level of confidence we can have about such problems as extrapolations from hoards, original number of obverse dies, number of coins struck per die (the most controversial issue), attrition rate or simply average. A last development concerns the fortunes of Crawford's *Roman Republican Coinage*.

(Author)

45 CAPPONI, MARGHERITA. Il contributo delle analisi metallografiche allo studio della monetazione cisalpina. *La monetazione*

preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri 61 (1995) pp. 281-88.

46 KLOCKENKÄMPER, RICHARD. Spurensuche bei römischen Kaisern—Römische Denare im Licht moderner Untersuchungsmethoden. *Der mathematische und naturwissenschaftliche Unterricht* 50/4 (Bonn, Ferd.Dümmlers Verlag 1997) pp. 228-34 illus.

47 MCCALL, MARK. Standard numismatic abbreviations. *Archaeological Computing Newsletter* 43 (1995) pp. 22-24.

The author publishes abbreviations used in search strings for Roman coin databases. (Martin Allen)

48 SAVIO, ADRIANO. La numismatica e i problemi quantitativi: intorno al calcolo del volume delle emissioni. *RIN* 98 (1997) pp. 11-48.

The author defines the characteristics and limits of the quantitative approach to the study of ancient coinage. Focal points of this methodology are the determination of the number of dies and absolute quantification of the volume of a single issue. The author expresses his skepticism over the utility of this type of research. (A. Carignani)

49 VOLK, TERENCE. Learning the hard way: 10 years of numismatics and computing. *NNÅ* 1992-93 (publ. 1997) pp. 132-48.

In this edited version of a paper read at a workshop held in Isegran, Norway, in 1993, the author shares with the reader his long experience with numismatics and the computer. (Ulla Westermark)

50 WHITE, WEIMAR W. Encapsulated coins may continue to tone while in their holders. *Gobrecht J* 24 no. 70 (November 1997) pp. 27-28.

The author continues to keep the hobby up to date on this preservation issue. He conducted a test of holders to determine if there was significant migration of hydrogen sulfide gas into the holders. From a brief two hours to an impressive 250 hours, different holders produced far different results. While he is careful to state that the newest generation of holders is better than some older ones, he cautions that complete airtightness is needed to insure the prevention of atmospheric contaminant toning. Also, the author points out that encapsulation is the best protection currently available for coins. He also presents simple test to evaluate the relative airtightness of a holder. (Thomas Serfass)

51 ZISA, ANTONELLA DANIELA. Aspetti tecnologici delle dramme cisalpine. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 113-23.

The author discusses aspects of the metals and alloys used the preparation of the dies, tools and techniques. (A. Carignani)

52 ZWICKY-SOBCZYK, C.N. and W.B. STERN. X-ray fluorescence and density measurements on surface-treated Roman silver coins. *Archaeometry* 39 (1997) pp. 393-405.

For additional references to Technology and Methodology, see the following abstracts:

Greek, nos. 121, 226.

GREEK

53 ABU OSKA, H. Hurfeish. *Hadashot Arch* 107 (1997) pp. 5-6.

Twenty-five coins were found in excavations of a burial cave at this site in the Upper Galilee: 13 of Tyre, 4 of Antioch, 3 of Ake, 1 of Caesarea and 1 of Sepphoris, the remainder being Roman issues. (Arnold Spaer)

54 ALBERT, RAINER. Kleopatra VII. Philopator (51-30 v.Chr.). *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 117-24.

55 ALFARO ASINS, C. Avance de la ordenación de las monedas de Abderat/Abdera (Adre). *Numisma* 237 (1996) pp. 11-50.

56 ALFARO, C., A. AREVALO, M. CAMPO, F. CHAVES, A. DOMINGUES and P.P. RIPOLLES. *Historia monetaria de Hispania Antigua*. Madrid, Jesus Vico S.A. 1997. 442 pp.

57 ALLEN, DAVE. Dobunnic gold coinage (35 BC to 43 AD). *Dean Archaeology* 8 (1995) pp. 34-35 illus.

58 ALLEN, DAVE. Striking Celtic coins: Dobunnic dabbings or anted antics. *Dean Archaeology* 9 (1996) pp. 26-27.

The author discusses experimental production of dies to strike silver, lead, pewter and aluminium copies of Celtic coins. (Martin Allen)

59 ANDREAE, BERNARD. Telephos-Mithridates im Museo Chiaramonti des Vatikan. *MDAI(R)* 104 (1997) pp. 395-416 illus.

The paper comments on and illustrates some portrait-tetradrachms of Mithridates VI of Pontus (rev. Pegasus within ivy wreath). (Hans R. Baldus)

60 ARENA, RENATO. Sulla monetazione delle colonie achee: le leggende. *NumAntClas* 26 (1997) pp. 27-36 illus.

This is a brief review of the legends and types on coins of the principal Achaean colonies in Magna Graecia. (A. Carignani)

61 AREVALO GONZALEZ, A. La circulación monetaria en la minas de Sierra Morena: el distrito de Córdoba. *Numisma* 237 (1996) pp. 51-82.

62 ARNOLD-BIUCCHI, CARMEN. Some New Cast Bronze Coins from Selinus at the ANS. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 9-19 illus.

Against M.J. Price's view that the cast bronze coins of Selinus were a "token coinage" issued privately between 435-415 B.C., the present article shows that these unusual coins were issued by the mint of Selinus *before* the new issues of silver tetradrachms and didrachms, around 450-440 B.C. in a period where the mint was experimenting with new possibilities. The metrological study and the frequency tables on a limited number of specimens show that, in spite of variations due to the nature of cast coinage, the coins were issued according to a uniform standard for all of them with an onkia between 2.251 gm. and 2.867 gm. (Author)

63 ARNOLD-BIUCCHI, CARMEN. Magna Graecia and Sicily. C. Morrisson and B. Kluge, *A Survey of Numismatic Research 1990-1995* (Berlin 1997) pp. 27-37.

This is a critical and selective bibliography including 162 titles arranged by subject. (Author)

64 ARNOLD-BIUCCHI, CARMEN. The Pergamene mint under Lysimachos. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 5-15 illus.

The article presents a die study of the tetradrachms of Lysimachos that can now be attributed to Pergamon with certainty because of the small symbol of a cult statue in the reverse field. The statue can be identified with Athena Nikephoros, that appears as a full reverse type on some later rare tetradrachms of Pergamon with Medusa head facing on the obverse from the Larissa 1968 hoard and the Ma'aret en-Nu'man hoard. The 16 obverse and 79 reverse dies can be dated fairly precisely by

historical events between 287-86 and 282 B.C. This fixed point in the lifetime coinage of Lysimachos is intended to facilitate further study and attributions. (*Author*)

65 ARSLAN, ERMANNIO A. Problemi di tipologia. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 33-51.

The author proposes a systematic typology of issues of the Po Valley between the 4th and 1st centuries B.C. The author discusses the types, the location of the areas of production, chronological problems, and the diffusion of Cisalpine drachms.

(*A. Carignani*)

66 ARSLAN, ERMANNIO A. Le monete rinvenute in Lombardia. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 219-28.

Recent discoveries from Lombardy are assembled and discussed. In particular, the author comments on two very rich hoards secretly uncovered near Cremona and Pavia and later dispersed on the antiquities market.

(*A. Carignani*)

67 ARSLAN, M. Mezopotamya Bölgesi Şehir Sikkeleri [City Coins of Mesopotamia]. *Anadolu Medeniyetleri Müzesi 1994 Yilligi* (Ankara 1995) pp. 10-64 illus.

The article presents 78 coins minted in Karrha, Edessa, Nesibi, Resaena and Singara.

(*Ömer Diler*)

68 ARSLAN, M. Ordu (Kotyora) 1970 Tetrachmi Definesi [Ordu (Kotyora) Hoard of Tetrachms]. *Anadolu Medeniyetleri Müzesi 1997 Yilligi* (Ankara 1998) pp. 5-31 illus.

The article presents 69 silver tetrachms, including a rare piece, that of Cappadocian king Arirathes IV, previously unknown.

(*Ömer Diler*)

69 ASHTON, R.H.J. Pseudo-Rhodian drachms from central Greece. *NC* 155 (1995) pp. 1-20 illus.

The author dates six issues of pseudo-Rhodian drachms to the early years of the Third Macedonian War. He assigns one issue to Haliartos and the others to a second mint, possibly Larymna.

(*Author*)

70 ASHTON, RICHARD, MEVLUT UYUMEZ and UGUR HOSGOREN. Five Alexander hoards in Afyon Museum. *NC* 156 (1996) pp. 259-68 illus.

71 ASHTON, RICHARD, MELIH ARSLAN and ALI DERVISAGAOGLU. A Ptolemaic hoard in Fethiye Museum. *NC* 156 (1996) pp. 269-72 illus.

72 ASHTON, RICHARD. A hoard of Koan coins. *NC* 156 (1996) pp. 278-79 illus.

73 ASHTON, R.H.J. and A.-P.C. WEISS. The post-plinthophoric drachms of Rhodes. *NC* 157 (1997) pp. 1-40 illus.

The authors discuss a corpus of Attic weight drachms of Rhodes (*BMC* 334-341) struck from 120 obverse dies, unsigned and signed by forty-three names. A relative chronology is proposed. The authors argue that the series ended in the reign of Augustus, and that its starting-date is somewhat later than the conventional 88 or 84 B.C. Also discussed are twenty-one later drachms of similar types (ch. 2, p. 33, fig. 13) which differ in style and are of cistophoric weight. (Authors)

74 ASHTON, R.H.J. More pseudo-Rhodian drachms from mainland Greece. *NC* 157 (1997) pp. 188-91 illus.

The author produces new evidence to corroborate the attribution to Haliartos of certain pseudo-Rhodian drachms (and more archaic coinage) made in *NC* 155 (1995). He suggests that two further issues of pseudo-Rhodian drachms signed by Sokrates and Phaon may be connected with the well-known Hermias drachms of the 1968 Larissa hoard. (Author)

75 ASHTON, RICHARD. Hellenistic bronze coins of Abdera with a male portrait. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 17-21 illus.

76 BALCIOGLU, B. 1994 Kazi Sezonunda Külhöyük'de Bulunan Bir Bulla Hakkında [About a Bulla found in Külhöyük During Excavations in 1994]. *Anadolu Medeniyetleri Müzesi 1994 Yilligi* (Ankara 1995) pp. 5-7 illus.

A ceramic bulla belongs to the Hittite period. (Ömer Diler)

77 BALCIOGLU, B. Anadolu Medeniyetleri Müzesindeki Bir Hitit Mühürü Hakkında [About a Hittite Seal in the Museum of Anatolian Civilization]. *Anadolu Medeniyetleri Müzesi 1995 Yilligi* (Ankara 1996) pp. 232-34 illus.

78 BALCIOGLU, B. Anadolu Medeniyetleri Müzesindeki Bir Hitit Mühürü Hakkında [About a Hittite Seal in the Museum of Anatolian Civilization]. *Anadolu Medeniyetleri Müzesi 1996 Yilligi* (Ankara 1997) pp. 158-59 illus.

79 BARENGHI, FRANCESCA. Una nuova proposta di classificazione degli 'oboli' di Serra Riccò. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 53-67 illus.

The author presents a tentative typological classification of the obols from the hoard of Serra Riccò in Liguria. For the fractional coins, which bear a female head (Artemis?) on the obverse and a stylized quadruped on the reverse, the author identifies twelve distinct types and six variants. (A. Carignani)

80 BARENGHI, FRANCESCA. Gli aspetti ponderali della monetazione cisalpina. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 69-81.

Beginning in the second half of the 2nd century B.C., Cisalpine drachms were tied to Roman victoriates and were no longer dependant on the coinage of Marseilles. The author also discusses the relationship between Ligurian obols and the Massaliot system. (A. Carignani)

81 BARRON, JOHN. Two goddesses in Samos. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 23-36 illus.

82 BEAN, S.C. A new stater of the Icenii? *NCirc* 104 (1996) p. 367 illus.

83 BEAN, S.C. Tincomaros but no Tincommius: clearing the Atrebatian waters. *NCirc* 105 (1997) pp. 238-39 illus.

84 BÉREND, DENYSE. De l'or d'Agathocle. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 37-41 illus.

85 BERGES, DIETRICH. Siegel aus Karthago—Spiegelbilder des Lebens. Die Tonsiegel aus dem Archiv eines punischen Tempels. *Antike Welt* 28/5 (1997) pp. 407-14 illus.

Among thousands of clay seals found in excavations at Carthage, many are very similar to contemporary Western Greek coins. An example is given with fig. 23 ('bulla') and 24 (didrachm of Syracuse: Arethusa), both ca. 480/70 B.C.

(Hans R. Baldus)

86 BING, J. DANIEL. Datames and Mazaeus: The Iconography of Revolt and Restoration in Cilicia. *Historia* 47/1 (1998) pp.41-76 illus.

Datames was governor of Cilicia—not Cappadocia—when he revolted against Artaxerxes II around 370 B.C. and started to strike coins in several Cilician mints, mainly at Tarsus. Few Tarsian specimens of his successor, Mazaeus, are illustrated (all enlarged ca. 2:1 or more).

(Hans R. Baldus)

87 BLANCO VILLEN, J.M. and J.A. SAEZ BOLAÑO. A propósito su una moneda punica inédita de Hispania. *GacNum* 127 (1997) pp. 9-16.

88 BOEHRINGER, CHRISTOF. Ein Lot kleiner Silbermünzen von Zankle-Messana. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 51-60 illus.

89 BOEHRINGER, CHRISTOF. A 1971 group of Rhodian coins (from Karia?). *NC* 157 (1997) pp. 214-17 illus.

90 BOEHRINGER, CHRISTOF. Zur Münzgeschichte von Leontinoi in klassischer Zeit. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 43-53 illus.

91 BRENOT, CLAUDE. Des drachmes de Marseille au drachmes di Cisalpine. Nouvelles remarques. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 15-32 illus.

The author traces the monetary issues of the mint of Marseilles from its beginnings (525 B.C.) to the Roman conquest. In this context, she examines the relationship between Massaliot drachms and those of the Po region following the first Celtic migrations at the beginning of the 4th century B.C.

(A. Carignani)

92 BRINDLEY, JAMES C. Enigmatic fourth century B.C. coin issues from the Levant. *NCirc* 105 (1997) pp. 78-79 illus.

- 93** BUGNO, MAURIZIO. Forme di contatto e processi di trasformazione in Magna Grecia: la moneta a Sibari rifondata nel 446/5 a.C. *RIN* 98 (1997) pp. 49-76.

The author addresses two particular aspects of the coinage: Athenian influence on the coinage of Sybaris in 446/45 B.C. in conjunction with the refoundation of the city and the arrival of new colonists from Greece, and the similarity (already noted by Colin Kraay) between the coins of Sybaris and the first issues of Thurii. (A. Carignani)

- 94** BURNETT, ANDREW and MICHAEL CRAWFORD. Overstrikes at Neapolis and coinage at Poseidonia-Paestum. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 55-57 illus.

- 95** BUSSI, SILVIA. La monetazione di Aristonico. *RIN* 98 (1997) pp. 109-22 illus.

The author examines the issues of Aristonicus (Eumenes III), who opposed the transfer of the power from Pergamon to Rome upon the death of Attalus III. The issues under discussion belong to the second year of his reign (132 B.C.).

(A. Carignani)

- 96** CAHN, HERBERT A. Ionische Damen. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 59-63 illus.

- 97** CALABRIA, PATRIZIA. Rinvenimenti di dramme padane in Italia centrale e meridionale. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 263-68.

The author comments on hoards found at Civit  Castellana (Viterbo) in 1894, at Rome on the Capitoline in 1938, at Cosenza and at Lipari.

(A. Carignani)

- 98** CALLATAÏ, FRANÇOIS DE. Les tétradrachmes hellénistiques de Tripolis. *NAC* 22 (1993) pp. 111-26 illus.

This is a study of the Hellenistic tetradrachms of Tripolis struck between ca. 105/104 and 64 B.C. The die study gives 8 different obverse dies for 85 specimens. All the obverse and reverse dies are illustrated. Metrological comparisons with Arados and Laodicea are developed but the absolute chronology can not be taken for granted, even if the issues of this coinage seem to be dated.

(Author)

99 CALLATAÿ, FRANÇOIS DE. Un tétradrachme de Lysimaque signé au droit et la question des signatures d'artistes à la période hellénistique. *RevArch* (1995/1) pp. 23-37 illus.

The Brussels Coin Cabinet has recently bought a tetradrachm of Lysimachos with the letters Menod under the neck of Alexander. This allows us to consider first the place (most likely Propontic) and the dating of this particular issue, second the general problem of artists' signatures in the Hellenistic period for which the most famous case is probably Perseus of Macedon. Other cases are discussed, including Ptolemy Soter, Arsinoë, Paphus, Aradus, Chalcis, Eretria, Mesembria and Nicomedes of Bithynia. Nonetheless, the list is short for the Hellenistic period, nothing to compare with classical Sicily. (Author)

100 CALLATAÿ, FRANÇOIS DE and ILIA PROKOPOV. The Boljarino Hoard (IGCH 975 - Near Plovdiv). *RBN* 141 (1995) pp. 5-12 illus.

The authors publish a hoard found near Plovdiv whose content is chiefly constituted by Thasian imitations along with Athenian "New Style" tetradrachms and Roman Republican denarii. The burial date is best placed ca. 40/30 B.C. This hoard includes an additional overstrike of a Thasian imitation on Athens (Thompson: ca. 156/5 B.C. = ca. 124/3 B.C.). (Authors)

101 CALLATAÿ, FRANÇOIS DE. Les tétradrachmes de Lysimaque frappés à Callatis. *SCN* 11 (1995) pp. 55-58 illus.

The author performed a die study of the late posthumous tetradrachms of Lysimachos struck at Callatis. Only 6 specimens are known, including one recently bought by the coin cabinet in Brussels. Chronology is best asserted by comparison with the Lysimachi of Byzantium. (Author)

102 CALLATAÿ, FRANÇOIS DE. *Les monnaies grecques et l'orientation des axes*. Milan 1996. 120 pp. illus.

Die-axes are a well-known criterion for numismatists but they had never received a general synthesis. This book assembles many brief notes from different authors since the beginning of the 20th century. We can follow the slow development of this technique (from loose to fixed dies). The picture which emerges seems very coherent. The book traces this development for each area around the Mediterranean Sea. The criterion of die axes sometimes helps provide precise datings and often identifies forgeries. If we can demonstrate that no mechanical tool was used to achieve a fixed orientation, the reason for this practice is by no means clear. The best hypothesis, which is not free from difficulty, is that the use of a fixed orientation was one of the methods used by official mints to identify false production. (Author)

103 CALLATAÿ, FRANÇOIS DE. Abdissarès l'adiabénien. *Irak* 58 (1996) pp. 135-42 illus.

The Brussels Coin Cabinet was fortunate to acquire a bronze coin of king Abdissares which bears without any doubt the extraordinary legend "Adiabenu" (from Adiabene). This geographic epithet is a hapax in the history of Hellenistic coinages. We were not previously aware of the existence of an Adiabenean kingdom at this time. The precise chronology of this issue remains a matter of discussion. Several iconographic parallels, mainly Seleucid, are used here. (Author)

104 CALLATAÿ, FRANÇOIS DE. Abydos sur Aesillas. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 81-91 illus.

The author publishes an unnoticed overstrike of a Hellenistic tetradrachm of Abydos on a tetradrachm in the name of Aesillas (the Macedonian legate). This overstrike, located in Vienna, lowers the accepted chronology for the tetradrachms of Abydos by nearly half a century. A preliminary die study is attempted for Abydos (126 specimens and 35 obverse dies). (Author)

105 CALLATAÿ, FRANÇOIS DE. Les monnaies au nom d'Aesillas. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 113-51 illus.

106 CALLATAÿ, FRANÇOIS DE. *Recueil quantitatif des émissions monétaires hellénistiques*. Wetteren 1997. x + 341 pp. illus.

The goal of this *Quantitative Catalogue* is to collect and to present, in a standardized form, all the die studies carried out on Hellenistic coinages from the beginning of the 20th century to 1993. For each coinage, this catalogue offers a detailed chart of the study of the obverse dies. This chart is preceded by the main characteristics of the coinage and followed by data relevant to the volume of the issue: the number of obverse and reverse dies, the number of coins, the ratio between the number of coins and the number of obverse dies as well as two estimates of the original number of obverse dies. The main goal of this catalogue is to create a tool which will allow numismatists to view their specific studies of a mint or an issue in a wider context, by asking relevant economic questions such as the relative size of the coinage studied. Incidentally, this *Catalogue* should allow anyone who wishes to classify a collection of Hellenistic coins to quickly determine whether a monograph already exists on the issue that he is interested in. Some 329 different coin issues—all illustrated—are examined in this book (46,777 coins and 11,709 different obverse dies), along with six appendices, one index and a bibliography. (Author)

107 CALLATAÿ, FRANÇOIS DE. Asie Mineure hellénistique. C. Morrisson and B. Kluge, eds., *A Survey of Numismatic Research 1990-1995* (Berlin 1997) pp. 79-96.

This survey of recent numismatic research for Hellenistic Asia Minor lists 196 different books or articles. Titles are arranged first by subject, then by geographic area. (Author)

108 CALLATAÿ, FRANÇOIS DE. *L'histoire des guerres mithridatiques vue par les monnaies*. Louvain-la-Neuve 1997. xiii + 480 pp. illus.

The Mithradatic wars were a major event of the end of the Hellenistic period. They prompted many coin issues by the Mithradatic party as well as by the Romans and their allies. Many coins are well dated and therefore even more interesting: Mithradates' own emissions bear the month of their issue as well as the indication of the year. It is therefore possible to compare these dates with the dates yielded by the literary sources about the historical events; this is probably the most favorable of all study cases of this kind.

The first part of this book contains the catalogue and comments on the main coinages involved: the kings of Pontus (Mithradates VI), of Bithynia (Nicomedes II, II, IV), of Cappadocia (Ariarathes VI, VII, VIII, and IX and Ariobarzanes I) and of Armenia (Tigranes the Great), the last posthumous issues of Alexander or Lysimachos from Odessos, Mesembria, Istros, Tomis, Callatis and Byzantium, as well as a number of issues whose analysis is justified by their date (Alexandria Troas, Ephesos). Most of these coins had never been subject to a die study.

The second part of the book is devoted to a historical synthesis in which a new account based on texts and inscriptions allows for an evaluation of the numerous new facts yielded by the numismatic sources. The novelties may be of varied nature and concern many fields but the main contribution is the study of the rhythm of the emissions. The first six chapters of this part follow a chronological sequence, followed by a chapter of a more general nature about money, and payment of troops and mercenaries. The bibliography comprises more than 1000 titles and six indexes containing about 400 names, 400 toponyms and 200 different coinages. (Author)

109 CALLATAÿ, FRANÇOIS DE. Les monnaies hellénistiques en argent de Ténédos. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 99-114 illus.

110 CANCIO, LEOPOLDO. Athenian Miscellanea. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 81-86 illus.

111 CARRADICE, IAN. *Greek Coins*. London, British Museum Press 1995. 112 pp. illus.

112 CARRADICE, I.A. The Dinar hoard of Persian sigloi. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 65-81 illus.

113 CONDIDI, CATERINA. Ipotesi sui tipi e i simboli monetari cumani. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 201-22.

114 CONSOLO LANGHER, SEBASTIANA NERINA. Problemi della storia di Segesta. Entella e gli Elimi nel conflitto fra Agatocle e Cartagine (312-305 a.C.). *Seconda Giornata di Studi sull'area Elima, Gibellina 1994* (Gibellina-Pisa, Scuola Normale Superiore di Pisa 1997) pp. 381-400.

The author discusses political and military developments at Segesta and the Elimi in the context of the conflict between Syracuse and the Carthaginians at the end of the 4th century B.C., with particular attention to influences on the coinage.

(A. Carignani)

115 COTTAM, G.L. Further confirmation of a Kentish alliance? – Light shed by a new bronze unit of Verica. *BNJ* 66 (1996) pp. 113-16 illus.

Until recently, all recorded British Iron Age coins of VERICA were of gold or silver and their provenances suggested that he ruled a region around Hampshire, although the style and provenances of rare coins combining his name with those of EPILLUS and TINCOMARUS prompted the hypothesis that the three had formed an alliance in Kent. The recent discovery of a bronze coin bearing the name of VERICA and stylistically similar to bronze coins current in Kent provides further evidence of his influence there.

(Author)

116 CRIBB, JOE. The end of Greek coinage in Bactria and India and its evidence for the Kushan coinage system. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 83-98 illus.

117 CURTEIS, MARK. An analysis of the circulation patterns of Iron Age coins from Northamptonshire. *Britannia* 27 (1996) pp. 17-42.

118 CUTRONI TUSA, ALDINA. Le emissioni frazionarie d'argento di Erice. Finalità di una ricerca. *Seconda Giornata di Studi sull'area Elima, Gibellina 1994* (Gibellina-Pisa, Scuola Normale Superiore di Pisa, Comune di Gibellina 1997) pp. 415-28 illus.

119 DE JERSEY, PHILIP and JOHN NEWMAN. Staters of Cunobelin from Shotley, Suffolk. *BNJ* 65 (1995) pp. 214-15 illus.

This paper records the discovery of six coins between 1980 and 1984 which probably represent all or part of a scattered hoard. Staters of Cunobelin occur only rarely in hoards, and this find is further distinguished by the inclusion of examples of Allen's wild, classic and plastic series, which have only once before been discovered in combination. (Authors)

120 DE JERSEY, PHILIP. The Saverlake stater (British MB) and a new, associated quarter stater. *NCirc* 104 (1996) pp. 161-63 illus.

121 DE JERSEY, PHILIP. Cast away riches: estimating the volume of Celtic coinage found in Britain. *Yorkshire Numismatist* 3 (1997) pp. 1-13.

122 DE JERSEY, PHILIP. SA and SAM: one and the same? *NCirc* 105 (1997) pp. 114-15 illus.

The author discusses Celtic coins issued by an unidentified ruler. (Martin Allen)

123 DEL SOLDATO, MARCO. L'approvvigionamento del metallo. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 125-78 illus.

The author outlines the geography of the principal deposits of silver-bearing minerals, with particular regard to northern Italy. (A. Carignani)

124 DEMBSKI, GÜNTER. Die keltischen Münzen aus dem Schatzfund von Chişineu-Criş (ehemals Kisjenö) aus dem Kreise Arad in Rumänien. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 153-61 illus.

125 DEMETRIADI, VASSILI. Dion in Macedonia: a bronze coinage of the Classical period. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 115-17 illus.

126 DRAGONOV, DIMITAR. The bronze coinage of Dionysopolis. *NCirc* 105 (1997) pp. 371-77 illus.

127 EKSCHMITT, WERNER. Das Orakel von Dodona. Antike Orakelstätten 1. *Antike Welt* 29/1 (1998) pp. 13-18 illus.

The rev. of Hellenistic coins from Epirus (3 doves on the sacred oak-tree) illustrates the oracle of Zeus at Dodona. (Hans R. Baldus)

128 ERCOLANI COCCHI, EMANUELA. Le dramme padane nel contesto dei rinvenimenti monetali in Emilia Romagna. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 249-61 illus.

The author analyzes the circulation of these coins in the 3rd century B.C. (A. Carignani)

129 FITZPATRICK, A.P. The hoard of Iron Age class II potin coins from New Addington, Surrey: an addendum. *Surrey ArchColl* 83 (1996) pp. 238-39.

130 FREY-KUPPER, SUSANNA. Note preliminari sul materiale numismatico proveniente dalla necropoli punica di Lilybaeum (1987-1991). *Seconda Giornata di Studi sull'area Elima, Gibellina 1994* (Gibellina-Pisa, Scuola Normale Superiore di Pisa, Comune di Gibellina 1997) pp. 711-28 illus.

The author discusses 179 coins found in tombs of the Punic necropolis at Lilybaeum. They range from the end of the 4th century to the middle of the 1st century B.C. (A. Carignani)

131 GANDOLFO, LUCINA. Il contributo della numismatica all'identificazione del sito archeologico di Montagna dei Cavalli. *Seconda Giornata di Studi sull'area Elima, Gibellina 1994* (Gibellina-Pisa, Scuola Normale Superiore di Pisa, Comune di Gibellina 1997) pp. 791-98 illus.

Numismatic evidence is not yet sufficient to confirm the identification of the archaeological site of Montagna dei Cavalli in Sicily with the ancient city of Ippana cited by Polybius. Some silver and bronze coins with the legend IPA are attributed to the mint of Ippana. (A. Carignani)

132 GARCIA BELLIDO, M.P. Coinage and ethnicity in Celtic Spain. *Zeitschrift für celtische Philologie* 49-50 (1997) pp. 219-42.

133 GARCIA BELLIDO, M.P. De la moneda ibérica a la moneda hispánica. *Electra* 1997 pp. 31-41.

134 GARCIA BELLIDO, M.P. La imagen de Hispania y su prehistoria. *Varia* 3 (1997) pp. 331-51.

135 GARCIA GARRIDO, M. Fraccionária inédita de Emporion. *GacNum* 127 (1997) pp. 7-8.

136 GITLER, HAIM. New fourth-century BC coins from Ascalon. *NC* 156 (1996) pp. 1-9 illus.

The most common coins in Palestine in the fourth century B.C. were the imitative Athena/owl obols attributed to the mint of Gaza. Two recent hoards enable us to attribute these pieces to Samaria and Ascalon. The paper also reveals eight new types from the mint of Ascalon, including a didrachm which is the first known 'Philisto-Arabian' coin of this denomination. (Author)

137 GOMIS JUSTO, M. Notas para una aproximación a la localización geográfica de sekaiza. *Numisma* 237 (1996) pp. 141-54.

138 GÖKTÜRK, M.T. and S.S. CEBESÖY. Kabadüz Definesi [Kabadüz Hoard]. *Anadolu Medeniyetleri Müzesi 1993 Yilligi* (Ankara 1994) pp. 54-76 illus.

The article presents 1423 coins of the actual 2003 bronze coins in the hoard dating to the period of Mithridates, from the cities of Amisos (1038), Sinope (130), Amastris (91), Komana (25), Kabira (22), Kabakta (17), Amasia (8), Gaziura (2), Laodicea and Pimolisa. (Ömer Diler)

139 GÖKTÜRK, M.T. Troas Bölgesinde Sikke Basan Kentler [Cities Minting Coins in the Troas Region]. *Anadolu Medeniyetleri Müzesi 1994 Yilligi* (Ankara 1995) pp. 65-108 illus.

A total of 70 coins are presented from Abydos, Akhillein, Alexandria Troas, Antandrus, Assos, Biryti, Dardanos, Gargara, Gentinus, Gergis, Hamaksitus, Ilion, Kebren, Kolonae, Lamponia, Larissa, Ptolemais, Neandria, Ophrynum, Sigeum, Skepsis, Tymbra, Tenedos and a few undecipherable ones. (Ömer Diler)

140 GÖKTÜRK, M.T. Kostophirik İzmir Definesi [A Cistophoric Hoard from İzmir]. *Anadolu Medeniyetleri Müzesi 1995 Yilligi* (Ankara 1996) pp. 97-105 illus. English summary.

The author presents 36 tetradrachms from Pergamum and Ephesos. (Ömer Diler)

141 GÖKTÜRK, M.T. Akhemenid Dönemi Kilikia Buluntusu Oboller [Obols Found in Cilicia Dating to the Archaic Period]. *Anadolu Medeniyetleri Müzesi 1996 Yilligi* (Ankara 1997) pp. 67-90 illus.

142 GÖKTÜRK, M.T. Troas Bölgesinde Sikke Basan Kentler Üzerine Yeni Araştırmalar [New Research on Cities of the Troas Region Minting Coins]. 1996 Yılı Anadolu Medeniyetleri Müzesi Konferansları (Ankara 1997) pp. 71-83 illus.

143 GRIMM, GÜNTHER. Der Ring des Aristomenes. Beobachtungen zum Niedergang des Ptolemäerreiches. *Antike Welt* 28/6 (1997) pp. 453-69 illus.

The paper is illustrated with gold and silver portrait coins of Ptolemy IV and V from the University of Trier (rev. with monogram of A.), from Glasgow (Hunter Coin Cabinet) and British Museum collections. (Hans R. Baldus)

144 GUIDO, FRANCESCO. Ozieri. *Le monete del Museo Civico*. Sassari 1997. 143 pp. illus.

This collection contains coins of Punic and Greek mints. (A. Carignani)

145 GÜNDÜZ, S. M.Ö. 1. Binde Dogu Anadolu ve Kuzeybatı Iran Tarihi Coğrafyası [The Historical Geography of Eastern Anatolia and Northwest Iran During the First Millennium B.C.]. *Anadolu Medeniyetleri Müzesi 1995 Yilligi* (Ankara 1996) pp. 236-70 illus. English summary.

146 HANDA, D. Counterfeit copper coins of Hippostratos and Azes I. *NCirc* 104 (1996) pp. 403-404 illus.

Two modern cast forgeries of Bactrian coins are published. (Martin Allen)

147 HARDWICK, NICHOLAS. The coinage of Terone from the fifth to the fourth centuries BC. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 119-34 illus.

148 HERSH, CHARLES A. Additions and corrections to Martin J. Price's 'The Coinage in the name of Alexander the Great and Philip Arrhidaeus.' Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 135-44 illus.

149 HIERNARD, J., G. AUGIN and G. COLLIN. Deux nouveaux quarts de statère de la série dite "au pontife forgeron" (variantes de BnF 6721). *BSFN* 6 (1997) pp. 97-99.

The recent discovery of two quarter staters of gold from the series known as "the blacksmith pontiff" allows the authors to revisit anew the problems of typology and attribution of this group.
(Michel Amandry)

150 HOLLOWAY, R. ROSS. Further Notes on the Early Bronze Coinage of Syracuse. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 217-22 illus.

151 HOUGHTON, ARTHUR. Aradus, not Marathus. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 145-46 illus.

152 HURTER, SILVIA. The 'Pixodaros hoard': a summary. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 147-53 illus.

153 JOHNSTON, ANN. Aphrodisias reconsidered. *NC* 155 (1995) pp. 43-100 illus.

On the basis of David MacDonald's recent corpus (*The Coinage of Aphrodisias*, London 1992), the author re-examines the Hellenistic and Roman provincial bronze coins, correcting some misattributions and refining the chronology. The author discusses production, circulation, types and legends.
(Martin Allen)

154 KAGAN, JONATHAN and BRIAN KRITT. The coinage of Kindya. *NC* 155 (1995) pp. 261-65 illus.

The authors reattribute to the Carian city of Kindya certain ca. 2 gm. coins formerly assigned to Syangela by Bean and Cook. The obverse type is recognized as a head of a sea monster (ketos), not a griffin's head. The fractions are associated with two ANS coins that depict ketea, one of which is inscribed KI.
(Authors)

155 KAGAN, J.H. Epidamnus or Ephyre (Elea): a note on the coinage of Corinth and her colonies at the outbreak of the Peloponnesian War. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 163-73 illus.

156 KINNS, PHILIP. CH 8, 474: Milesian silver coinage in the second century BC. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 175-95 illus.

157 KONUK, KORAY. The early coinage of Kaunos. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 197-223 illus.

158 KOS, PETER. *Sylloge Nummorum Graecorum Slovenia. LJUBLJANA Narodni muzej. Vol. III. Moesia Superior. Collection Kecskés. Part I - Viminacium (nos. 1-2381)*. Milan, Edizioni enerre S.r.l. 1996. 126 + cxx pp. illus.

This most extensive catalogue published to date of the aes coinage of Viminacium describes and illustrates 2381 examples, including many varieties which do not appear in Pick or Borić-Brešković. The collection was the work of Fr. Ferenc Kecskés of Vojvodina, whose parallel collection of Dacia is yet to be published.

(Charles B. Smith, Jr.)

159 KROLL, JOHN H. Silver in Solon's Laws. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 225-32.

160 KYROU, ADONIS K. and DIMITRIS N. ARTEMIS. The silver coinage of Kythnos in the early fifth century BC. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 233-36 illus.

161 LAGOS, CONSTANTINE. A hoard of the Chremonidean War. *NC* 156 (1996) pp. 272-77 illus.

162 LAKAKIS-MARCHETTI, MARIA. A propos du monnayage achéen. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 147-56.

The author, who has studied the silver coinage of the Achaean League (a coinage which is found almost exclusively in hoards), provides a list of the principal Achaean hoards in chronological order by find date and offers reasons why their composition, mostly notably that of Agrinion and Poggio Picenze, poses problems and doubts, and consequently the resulting conclusions demand a re-evaluation. (*Mando Oeconomides*)

163 LAZZARINI, LORENZO. Due piccoli nuovi nominali d'argento di Camarina. *RIN* 98 (1997) pp. 76-84 illus.

The first of the two coins struck in Camarina is an obol the author dates to between 480 and 470 B.C. In this period, between Gelon's conquest of Syracuse in 488 and the second foundation of Camarina in 462, it had been thought that the mint of the city was inactive. The second piece is a hemidrachm or dilitron depicting the

nymph Camarina on the obverse; it dates to 410-405 B.C., immediately before the destruction of the city. (A. Carignani)

164 LENTINI, M. COSTANZA. Museo di Naxos: nuovi rinvenimenti monetali di V sec. a.C. dall'isolato D4 (proprietà Autru-Ryolo, Scavi 1995). *AIIN* 43 (1996) pp. 259-64.

The author publishes 19 pieces of the 5th century B.C. found in recent excavations at Naxos. They include obols, staters and didrachms struck by mints of the principal cities of Sicily and Magna Graecia. (A. Carignani)

165 LE RIDER, GEORGES. *Monnayage et finances de Philippe II. Un état de la question*. Meletèmata 23. Athens 1996. 108 pp. illus.

Twenty years after the publication of his work *Le monnayage d'argent et d'or de Philippe II de Macédoine de 359 à 294*, the author comments on groups I and II, struck while Philip was alive and immediately after his death. (Michel Amandry)

166 LE RIDER, GEORGES. La date des premiers statères d'or de Philippe II. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 261-69.

The author revisits the issue of the dating of the first gold staters of Philip, a subject he had considered in his corpus of the gold and silver coinage of Philip II published in 1977. The type with the head of Apollo remains the key to dating these coins. (Mando Oeconomides)

167 LE RIDER, GEORGES, *Le monnayage perse en Cilicie au IV^e siècle*. *NumAntClas* 26 (1997) pp. 151-69 illus.

Four famous personages of the Achaemenid court—Tiribazos, Pharnabazos, Tarkumuwa and Mazaios—struck coins in their own names (outside the royal authority) during the 4th century B.C. The author examines this unique situation. (A. Carignani)

168 LE RIDER, GEORGES. Les tétradrachmes macédoniens d'Alexandre: réflexions sur leur classement, le nombre des ateliers et les lieux de frappe. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 237-45 illus.

169 LIAMPI, KATERINI. A hoard of bronze coins of Alexander the Great. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 247-53 illus.

170 LUPPINO, SILVANA, NICOLA F. PARISE and ANNALISA POLOSA. Castiglione di Paludi: Le monete. *AiIN* 43 (1996) pp. 9-45 illus.

The authors publish a collection of 425 coins of Magna Graecia, Greece, Sicily, Carthage and Rome found in excavations at Castiglione di Paludi, 40 km. from Thurii. The pieces, mostly dating to the 3rd century B.C., are currently in the Museo Nazionale Archeologico di Sibaritide. (A. Carignani)

171 MACALUSO, ROSALIA. Museo Archeologico 'A. Salinas' di Palermo: ricognizione del Medagliere. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 289-90 illus.

This collection contains two Massaliot drachms. The author proposes that they came from the Roman antiquarian market of the 18th or 19th century. (A. Carignani)

172 MACDONALD, DAVID. A note on CH VIII, no. 47: Ionia 1983. *NC* 155 (1995) pp. 321-25 illus.

173 MALEK, HODGE MEHDI. The coinage of the Sasanian king Kavād II (AD 628). *NC* 155 (1995) pp. 120-29 illus.

The coinage of Kavād II is considered in its historical context. Mint-signatures, legends and metrology are analyzed. Ninety-three specimens with sixteen different mint-signatures are catalogued. (Author)

174 MAMMINA, GIUSEPPINA. Note preliminari sulla documentazione numismatica dell'abitato di Mozia "zona A." *Seconda Giornata di Studi sull'area Elima, Gibellina 1994* (Gibellina-Pisa, Scuola Normale Superiore di Pisa, Comune di Gibellina 1997) pp. 1049-57 illus.

The finds at Mozia include 87 coins from Sicilian mints between the 5th and 4th centuries B.C. (A. Carignani)

175 MANFREDI, LORENZA ILIA. Studi di numismatica punica in Italia. *AiIN* 43 (1996) pp. 273-93.

This is a comprehensive bibliography of works on Punic coinage in Italy up to 1994. (A. Carignani)

176 MANFREDI, LORENZA ILIA. L'archeometria e le monete puniche. E. Acquaro, M.T. Francisi, G.M. Ingo and L.I. Manfredi, eds., *Progetto Tharros* (Rome 1997) pp. 47-58.

The author addresses the phenomenon of restrikes and mis-strikes, the composition of alloys, and Punic minting techniques. (A. Carignani)

177 MANNUCI, FRANCESCO. Alla ricerca di Scamandria. *NumAntClas* 26 (1997) pp. 277-85 illus.

The author advances hypotheses on the precise location of the city of Scamandria in Troas and attributes to it, not to Scepsis, coins with the legend SKA. (A. Carignani)

178 MARINESCU, CONSTANTIN A. A first-century BC hoard of late cistophori. *NC* 155 (1995) pp. 325-30 illus.

179 MARQUES DE FARIA, A. Apontamentos sobre onomástica Paleo-hispánica. *Vipassa* 6 (1997) pp. 105-14.

180 MASTELLONI, MARIA A. Ripostiglio monetale di Campana località Torraca. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 47-56.

A new study of 78 bronze coins of the hoard allows the author to undertake a reconstruction of the composition of the hoard. It included coins of Syracuse, Messana, Rhegium, the Mamertines, Ptolemy II and Rome. The formation of the hoard is placed in the mid-3rd century B.C. (A. Carignani)

181 MASTELLONI, MARIA A. Ripostiglio monetale rinvenuto a Cutro (CZ) ed altri tesoretti di monete brettie di bronzo. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 57-74.

The author discusses the chronology and circulation of coins of the Brettii by examining some hoards found in Calabria. (A. Carignani)

182 MATTINGLEY, HAROLD B. The coinage of Mithridates III, Pharnakes and Mithridates IV of Pontus. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 255-58 illus.

183 MELVILLE JONES, JOHN R. The value of electrum in Greece and Asia. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 259-68.

184 MESHORER, Y. *A Treasury of Jewish Coins from the Persian Period to Bar Kochba*. Jerusalem, Yad Ben Zvi Press 1997. 250 pp. illus. In Hebrew.

This is a richly illustrated catalogue of Jewish coinage including commentary and historical background, with reference to other epigraphic material including scrolls, bullae and weights. (Arnold Spaer)

185 MESHORER, Y. *Ancient Means of Exchange, Weights and Coins*. Haifa, University of Haifa 1998. 199 pp. illus. In English and Hebrew.

This is the first volume of a catalogue of the collections in the Reuben and Edith Hecht Museum at the University of Haifa. It covers 761 coins (mainly Jewish or connected with the Levant), 50 ancient weights and 4 metal objects used for exchange before the appearance of coinage. All coins are described and illustrated and the chapters include reference to the historical background. (Arnold Spaer)

186 MILDENBERG, LEO. *Vestigia Leonis. Studien zur antiken Numismatik Israels Palästinas und der östlichen Mittelmeerwelt*. Novum Testamentum et Orbis Antiquus 36. Freiburg, Schweiz-Göttingen 1998. xi + 398 pp. illus. ISBN 3-7278-1152-2 and 3-525-53907-X.

This volume contains selected papers (20 in English, 17 in German, and one in French). (Author)

187 MILDENBERG, LEO. Money supply under Artaxerxes III Ochus. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 277-86 illus.

188 MILDENBERG, LEO. Zu einigen sikulo-punischen Münzlegenden. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 259-72 illus.

189 MONTEPAONE, CLAUDIA. Ancora intorno al denaro di ferro spartano. Nicola F. Parise, ed., *Bernhard Laum. Origine della moneta e teoria del sacrificio, Atti dell'incontro di studio, Roma 1995* (Rome 1997) pp. 71-92.

190 MORANDI, ALESSANDRO. Su alcuni aspetti epigrafici della monetazione padano-celtica. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 83-112 illus.

191 MORCOM, JOHN. Syracusan bronze coinage in the fifth and early fourth centuries BC. Richard Ashton and Silvia Hurter, eds., *Studies in*

Greek Numismatics in Memory of Martin Jessop Price (London, Spink 1998) pp. 287-91 illus.

192 MUNRO-HAY, S.C. Coins of Ancient South Arabia, II. *NC* 156 (1996) pp. 33-47 illus.

193 MYERS, ROBERT J. An unpublished silver fraction of Philip II of Macedon. *NC* 155 (1995) p. 227 illus.

A silver obol of Philip II is reported. It was struck at the beginning of Philip's reign and is undoubtedly an attempt to return to the fractional issues of Perdikkas.

(Author)

194 NASTER, PAUL. Noms divins et anthroponymes en caractères araméens sur les monnaies de Cilicie (4e s. av. J.-C.). R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 279-88 illus.

195 NICOLET-PIERRE, HÉLÈNE. Naxos (Cyclades) archaïque: monnaie et histoire. La frappe des "canthares" de la fin du VIe siècle. *NumAntClas* 26 (1997) pp. 63-121 illus.

Starting from the typology (the *kantharos* is the constant element in the issues of this mint) and circulation of the coinage (based on hoards found) the author also discusses the historical relationship of Naxos with the cities of Ionia, the Persians, and finally with Athens.

(A. Carignani)

196 NICOLET-PIERRE, HÉLÈNE. Autour du décadrachme athénien conservé à Paris. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 293-99.

197 OECONOMIDES, MANDO. The 1979 Tricala hoard of Alexanders. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 301-5 illus.

198 OTERO MORAN, P. La documentación antigua del MAN sobre las monedas con leyenda en escritura ibérica. *Numisma* 237 (1996) pp. 155-98.

199 PAŠKVAN, SAŠA. Prijedlog za novu kronologiju kovanja Ballaiosevih emisija hvarskog (PHAROS) i risanskog (RHIZON) tipa

[Suggestion for a new chronology of Ballaios' coinage of the Hvar (Pharos) and Risan (Rhizon) types]. *I. Aedjunaroldni numizmatiči kongres u Hrvatskoj: Zbornik radova* (1995) pp. 101-5 illus. English summary.

The author proposes that Ballaios first issued "Pharos-type" coins in his name from Pharos (modern Stari Grad on Hvar), while Genthios ruled in Rhizon (modern Risan). When Ballaios took over in Rhizon, he ended the autonomous coinage of that city and began coinage in his own name. Based on stylistic similarities, the author proposes the reassignment of certain "barbarian" issues, previously ascribed to the Risan mint under Ballaios, to the mint of the Daorsi at Ošanići near modern Stolac.

(Charles B. Smith, Jr.)

200 PETER, ULRIKE. *Die Münzen der thrakischen Dynasten (5.-3. Jahrhundert v. Chr.). Hintergründe ihrer Prägung. Griechisches Münzwerk.* Berlin 1997. 313 pp. illus.

An economic-numismatic history of the kings and dynasties of Thrace is published and the reasons for the coinage are studied.

(Edith Schöner Geiss)

201 PIANA AGOSTINETTI, PAOLA. Le monete cisalpine nei loro contesti di rinvenimento: il caso del tesoro di Serra Riccò. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 179-91 illus.

The author interprets the discovery of the hoard, composed of drachms and obols, in the light of another important discovery not far away in Liguria. It is an inscribed *tabula*, datable like the hoard to the end of the second century B.C., in which is noted an agreement, with payment in victoriates, between two peoples of the region.

(A. Carignani)

202 PIANA AGOSTINETTI, PAOLA. La monetazione preromana dell'Italia nord-occidentale. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 195-218 illus.

The main aspects of the coinage of the Celtic populations of pre-Roman Liguria, the Piedmont, Valle d'Aosta and Ticinum are presented.

(A. Carignani)

203 PIANA AGOSTINETTI, PAOLA. Repertorio dei rinvenimenti delle monete cisalpine nell'Italia nord-occidentale. *La monetazione preromana dell'Italia settentrionale. Atti dell'incontro di studio, Bordighera 1994. RivStLiguri* 61 (1995) pp. 229-48.

204 PIATTELLI, SIMONETTA. Ricerche sulla circolazione monetaria nell' Marche. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici.*

Quaderni di Numismatica Antica (Rome, Giorgio Bretschneider Editore 1996) pp. 1-10.

By analyzing archival documents and coin finds, the author reconstructs coin circulation in the area from the 5th century B.C. to the 5th century A.D.

(A. Carignani)

205 PORATH, L. and Z. GAL. Nahariyya. *Hadashot Arch* 107 (1997) pp. 8-10.

In a building excavated at this coastal site in northern Israel eleven coins struck in Tyre were found, one of Antiochus IV and the rest semi-autonomous. (Arnold Spaer)

206 RANT, ANDREJ. Pitanje lokacije Herakleje u Dalmaciji [The Question of the Location of Herakleia in Dalmatia]. *I. Medjunarodni numizmatiči kongres u Hrvatskoj: Zbornik radova* (1995) pp. 123-27. English summary.

The author analyzes the work of two lesser-known ancient Greek geographers to place Heraclea and its mint close to the mouth of the Krka River, in the vicinity of modern Šibenik. Such a mainland location would have been an easy target for the Celto-Illyrian Dalmati, who invaded the area at the beginning of the third century B.C., when Heraclea ceased its coinage.

(Charles B. Smith, Jr.)

207 ROBBINS, K. and J. BAYLEY. *Coin pellet mould and crucible fragments from Old Sleaford, Lincolnshire*. Ancient Monuments Laboratory Report 69/96. London, English Heritage, 1996.

Analysis of a sample from over 4000 fragments of late Iron Age coin pellet moulds and 320 crucible fragments, excavated in 1963, support the identification of the site as a mint.

(Martin Allen)

208 RUTTER, N.K. The coinage of Syracuse in the early fifth century BC. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 307-15 illus.

209 SANAHUJA ANGUERA, K. Un diner de coure hispano-cartaginès inédit. *L'Ardit* 10 (1997) pp. 27-28.

210 SARTHRE, C. Monnaies gauloises de l'Hôtel Gouin et de la Société archéologique de Touraine. *Tours: études numismatiques, SFN Supplément au bulletin* 6 (1997) pp. 1-32; *BSFN* 6 (1997) pp. 104-9.

Publication of the finds consists mainly of 633 coins of the hoard of Fondettes (Indre-et-Loire) discovered in 1956 and 37 coins of the hoard of Franceuil (Indre-et-

Loire) uncovered in 1899. The remaining 64 coins are from various sources. The catalogue of 734 coins also includes neutron activation analysis at the Centre E. Babelon of 214 of the coins.
(Michel Amandry)

211 SELLWOOD, DAVID. A die count for a group of Parthian drachms. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 317-20 illus.

212 SHEEDY, KENNETH A. The dolphins, the crab, the sphinx, and 'Aphrodite.' Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 321-25 illus.

213 SICILIANO, ALDO. La monetazione di Arpi. Marina Mazzei, *L'ipogeo della Medusa e la necropoli* (Bari, Banca del Monte di Foggia 1995) pp. 73-80 illus.

The author discusses issues of Arpi, near Foggia, in Apulia. Bronze and silver coins were struck between the end of the 4th century and the 3rd century B.C.

(A. Carignani)

214 SPIER, JEFFREY. Notes on early electrum coinage and a die-linked issue from Lydia. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 327-34 illus.

215 STANCOMB, WILLIAM M. Agathopolis: a mint on the Black Sea coast. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 335-38 illus.

216 STAZIO, ATTILIO. Corinto e l'Occidente fino alla fine del V sec. a.C. nella documentazione numismatica. *Corinto e l'Occidente*, Atti del XXXIV Convegno di Studi sulla Magna Grecia, Taranto 1994 (Tarentum, Istituto per la Storia e l'Archeologia della Magna Grecia 1995) pp. 179-92.

The author discusses the economic relationship between Corinth and the western Mediterranean based on the circulation of its coinage in Sicily and Magna Graecia. In particular, the author discusses the influence of these issues on coinage of the western mints.

(A. Carignani)

217 STEFANAKIS, MANOLIS I. Bibliography of Martin Jessop Price. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 395-400.

218 STERN, E. and M. SHALVI-ABBAS. Akko - Hagdud Ha'ivri St. *Hadashot Arch* 107 (1997) pp. 12-16.

Coin finds in this excavation included a Seleucid and several semi-autonomous issues of Ake of the 2nd century B.C. (Arnold Spaer)

219 STOLBA, WLADIMIR. Ein bithynisches Tetradrachmon mit spätrömischem Graffito aus Kopenhagen [A Bithynian tetradrachm with late Roman graffito in Copenhagen]. *NNA* 1992-93 (publ. 1997) pp. 5-11 illus.

The author regards the graffito (Hermisculus rex) as comical and of local origin. The coin is published in *SNGCop* part 18 no. 649 without mention of the graffito. (Ulla Westermarck)

220 TRAVAGLINI, ADRIANA. Il simbolo del grappolo d'uva su monete di Brundisium. *Il Tralcio e la vite. La cultura della vite e del vino nell'arte, nella società e nei luoghi di lavoro* (Brindisi, Museo Archeologico Provinciale Francesco Ribezzo 1997) pp. 93-98 illus.

The author comments on coins of Brindisi depicting a cluster of grapes, symbol of the active viticulture in the region in the mid-2nd century B.C. (A. Carignani)

221 TROXELL, HYL A. Alexanders from Soli on Cyprus. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 339-44 illus.

222 TSELEKAS, PANAGIOTIS. The coinage of Pydna. *NC* 156 (1996) pp. 11-32 illus.

223 TSELEKAS, PANAGIOTIS. Grave hoards of Greek coins from Greece. *NC* 156 (1996) pp. 250-59.

224 UJES, DUBRAVKA. Le dépôt de monnaies en bronze des rois macédoniens et des villes ouest-pontiques de l'époque hellénistique découvert à Paraćin. *NumAntClas* 26 (1997) pp. 185-204 illus.

In 1992 a hoard of 25 bronze coins was found at Paraćin in the Balkans. The coins are of Philip II, Alexander III, Philip III (Lysimachos) and the cities of Mesembria and Odessos on the Black Sea. (A. Carignani)

225 VAN ARSDELL, R.D. Muddying the Atrebatian waters. *NCirc* 104 (1996) p. 444 illus.

The author discusses the attribution of coins of the Atrebates to Tincomarus or Tincommius. (Martin Allen)

226 VAN ARSDELL, ROBERT D. A statistical analysis of Icenian coin hoards. *Oxford Journal of Archaeology* 15 (1996) pp. 235-43.

227 VANNI PECCATORI, FRANCA M. Le monete puniche del Museo Archeologico di Firenze. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 11-29 illus.

The author publishes 80 Punic coins of silver, gold and bronze in the Museo Archeologico in Florence. The pieces, struck at mints of Carthage, Sicily, Sardinia and Italy, range from the mid-4th century B.C. to the first half of the 2nd century B.C.
(A. Carignani)

228 VICKERS, MICHAEL. Fifth century chronology and the coinage decree. *JHS* 116 (1996) pp. 171-74.

This is a discussion of the Standards Decree imposing Athenian weights and measures in tributary allies, supporting a date in the 420s. The decree is placed in the context of the use of Persian sigloi in Greece.
(Martin Allen)

229 VILLARONGA, L. *Las monedas de plata emporitanes dels segles V-IV a.C.* Complements d'Acta Numismàtica 2. Barcelona, Societat Catalana d'Estudis Numismàtics 1997. 180 pp.

230 VISONÀ, PAOLO. The Chronology of Issa's Early Hellenistic Coinage. *I. Medunarodni Numizmatički Kongres u Hrvatskoj, 12-15.X.1995, Zbornik Radova* (Opatija 1996) pp. 149-60.

Issa's five earliest bronze issues attest to the growth of the commercial economy of this Greek-Illyrian city in the Adriatic between ca. 320 and 200 B.C. (Author)

231 VISONÀ, PAOLO. Novac iz Ancone na istočnoj obali jadranskog mora [Coins from Ancona on the east coast of the Adriatic Sea]. *Numizmatičke vijesti* 50 (1997) pp. 16-18. English summary.

The author cites examples of issues of ancient Ancona with an eastern Adriatic provenance as evidence of pre-Roman trade between Ancona and Dalmatia.
(Charles B. Smith, Jr.)

232 VON REDEN, SITTA. Money, law and exchange: coinage in the Greek Polis. *JHS* 117 (1997) pp. 154-76.

233 WARREN, JENNIFER A.W. Updating (and downgrading) the autonomous bronze coinage of Sikyon. Richard Ashton and Silvia Hurter, eds.,

Studies in Greek Numismatics in Memory of Martin Jessop Price (London, Spink 1998) pp. 347-61 illus.

234 WARTENBERG, UTE. The Alexander-Eagle hoard: Thessaly 1992. *NC* 157 (1997) pp. 179-88 illus.

235 WARTENBERG, UTE. Calymna calumniated—a nineteenth-century misattribution? Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 363-71 illus.

236 WELLS, H. BARTLETT. Macedonian Plated Gold Staters. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 341-48 illus.

237 WESTERMARK, ULLA. A new tetradrachm of Kamarina. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 373-77 illus.

238 WILLIAMS, J.H.C. and ANDREW BURNETT. Alexander the Great and the coinages of Western Greece. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 379-93 illus.

239 WISE, PHILIP J. Rare coin hoard found in Warwickshire. *Coventry District Archaeological Society Bulletin* 316 (1995) p. 5 [and] *Minerva* 6 (1995) pp. 2-3

The author reports on the discovery of a hoard of gold coins of the Corieltauvi near Bedworth in 1994. (Martin Allen)

240 WISE, PHILIP J. The Bedworth hoard of Celtic coins. *BNJ* 65 (1995) pp. 215-17 illus.

A hoard of eleven Corieltauvian staters was found near Bedworth, Warwickshire, in 1994. Such hoards are very rare and only in the Bedworth hoard are found both uninscribed and inscribed staters. This hoard and other finds from Warwickshire indicate the spread of Corieltauvian influence away from the tribal heartland. (Author)

241 YAGCI, R. Anadolu Medeniyetleri Müzesi Koleksiyonundaki Ördek Biçimli Mühürler [Seals in the Form of Ducks from the Museum of Anatolian

Civilization Collections]. *Anadolu Medeniyetleri Müzesi 1994 Yilligi* (Ankara 1995) pp. 122-51 illus.

242 ZOLOTNIKOVA, OLGA. A female divinity in the religious policy of Antiochus IV through the Greek religious iconography. *NumAntClas* 26 (1997) pp. 255-76 illus.

The author studies the theme of the female on a throne, a type which runs throughout the reign of Antiochus IV. The figure of the seated goddess, deriving perhaps from the prototype of Hera or Athena, is also found on coins issued by the mint of Seleucis on the Tigris. (A. Carignani)

For additional references to Greek numismatics, see the following abstracts:

General, nos. 17, 20, 27, 28, 38

Technology and Methodology, now. 45, 51

Roman, nos. 247, 252, 258, 291, 310, 321, 357, 373

Near and Middle East, nos. 416, 418

Western and Central Europe, nos. 566, 609

Primitive Money, nos. 831, 834.

ROMAN

243 AMANDRY, MICHEL. Agrippa et Tardani? R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 1-4 illus.

244 AMANDRY, M. Monnaies de Nîmes (fouilles 1986-1996). *Carte archéologique de la Gaule 30/1. Nîmes* (Paris 1996 [1997]) pp. 101-8.

The author catalogues 814 coins discovered during 10 years of excavations. The descriptions of these coins is interspersed through the work on pp. 190, 194-95, 199-200, 211, 219-20, 223, 235-36, 270, 294-95, 308-9, 349, 380-84, 386, 397, 412, 417, 420, 440, 490-92 and 494. Other mentions of hoards can be found on pages 185, 200, 225, 228-29 (a purse of 20 coins of the 2nd century studied by S. Estio), 272-73 and 516-17. Isolated finds are noted on pages 178, 201, 215, 225, 226, 228, 245-48, 257, 304-5, 312, 314, 315, 349, 360, 400, 421, 445, 448, 450, 451, 454 and 456.

(Author)

245 AMANDRY, MICHEL. A propos d'une monnaie de Sebaste in Phrygie frappée pour Septime Sévère, Caracalla et Geta en 198. Richard

Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 1-4 illus.

246 ARENDT, WOLFRAM and MATTHIAS SIMON. Götterglaube im römischen Imperium bis zur Anerkennung des Christentums als Staatsreligion unter Theodosius I. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 125-28.

247 ARSENEVA, TATJANA M. and BURKHARD BÖTTGER. Griechen am Don. Die Grabungen in Tanais 1996. *Eurasia Antiqua* 3 (1997) pp. 437-87 illus. (no coins illustrated)

Several coins found during the excavations at Tanais are mentioned. The earliest is a bronze of Panticapaeum, the latest a coin of Theodosius I (A.D. 379-95). Most of the coins found were struck by Bosporan kings of the first to third century A.D.

(Hans R. Baldus)

248 ARSLAN, MELIH. The Roman Coinage of Ancyra in Galatia. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 111-157 illus.

The author compiles a catalogue of 153 coins of Ankyra preserved in the Anatolian Civilizations Museum in Ankara.

(Johannes Nollé)

249 ARSLAN, MELIH. Bithynia Bölgesi Şehir Sikkeleri [City Coins of the Bithynian Region]. *Anadolu Medeniyetleri Müzesi 1996 Yilligi* (Ankara 1997) pp. 101-33 illus.

250 ASOLATI, MICHELE. Rapporti fra Istria ed Egitto nel III sec. d.C. alla luce di un ripostiglio di tetradrammi alessandrini rinvenuto a Rovigno (Istria). *Bollettino del Museo Civico di Padova* 84 (Padua 1995) pp. 271-90 illus.

The discovery of a hoard of 67 Alexandrian tetradrachms dating from Gallienus to Diocletian leads the author to examine the circulation of Alexandrian coinage in the Roman world during the imperial period. From Augustus to Valerian, the Roman denarius was strong and did not allow significant circulation of Alexandrian tetradrachms. In the second half of the 3rd century, following the gradual decline in weight and fineness of the Roman coins, the situation changed.

(A. Carignani)

251 AVNER-LEVY, R. Nahal Daliya. *Hadashot Arch* 107 (1997) pp. 31-34.

Twenty-nine coins of the 3rd-4th centuries A.D. were found at this site about 30 km. south of Haifa. (Arnold Spaer)

252 AVSHALOM-GORNY, D. Akko—The Parking Lot of the Law Courts. *Hadashot Arch* 107 (1997) pp. 17-21.

The 28 coins found during excavations included Seleucid, Ptolemaic and autonomous coins of the 2nd century B.C., Roman coins from Trajan to the 4th century A.D. and an Ayyubid coin struck in Damascus. (Arnold Spaer)

253 BATES, MICHAEL L. Roman and Early Muslim Coinage in North Africa. *Yarmouk Numismatic Journal* 8 (1996).

254 BAUMGARTEN, Y. Giv'ati Junction. *Hadashot Arch* 107 (1997) p. 115.

A potter's oven excavated at this site about 10 km. east of Ascalon was dated to the second half of the 4th century A.D. by a coin of Constantius II and another of Valentinian. (Arnold Spaer)

255 BENDALL, S. The C mint of Carausius and Allectus - Camulodunum or Clausentum? *NCirc* 105 (1997) pp. 240-41 illus.

256 BERNARDELLI, ARMANO, GIUSEPPE GORINI and ANDREA SACCOCCI. *Musei Civici di Vicenza. Le monete romane imperiali da Augusto a Vitellio*. Padua, Esedra editrice 1998. 203 pp. illus.

This volume contains articles on the formation of the collection, the propagandistic use of coins, and historic and economic aspects of coinage in the Julio-Claudian period. (A. Carignani)

257 BIANCHI, LORENZO. Raffigurazioni dei ponti urbani di Roma su monete. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 75-86 illus.

The author discusses representations of three bridges: the Pons Aelius, Pons Aemilius and Pons Sublicius. (A. Carignani)

258 BIANCHI, LORENZO. Il simulacro dell'Afrodite di Afrodisia nelle raffigurazioni su monete. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 87-112 illus.

The author reviews the iconography on coins of the statue of Aphrodite in the sanctuary at Aphrodisias in Caria, from late Hellenistic coins through the end of the 3rd century A.D. (A. Carignani)

259 BIJOVSKY, G. The Coins. G. Avni and Z. Greenhut, *The Akeldama Tombs* (JAA Report no. 1, Jerusalem 1996) pp. 105-7.

The author provides a listing and partial illustration of 14 coins found in 3 rock-hewn burial caves in the Kidron Valley immediately south of the Old City of Jerusalem. They cover the period from Herod to A.D. 408 and include local issues, late Roman copper and an issue of Septimius Severus from Pesinus in Galatia. (Arnold Spaer)

260 BÖHM, STEPHANIE. *Die Münzen der römischen Republik und ihre Bildquellen. Deutsches Archäologisches Institut. Mainz am Rhein, Philipp von Zabern 1997. xiv + 181 pp. illus. ISBN 3-8053-1971-1.*

The main interest of this monograph lies in Roman Republican numismatic iconography and its sources. On 59 plates selected coin-types are compared with similar Greek and Roman Imperial ones, with gems, vase-paintings and other minor works of art, and with reliefs, sculpture, etc. (Hans R. Baldus)

261 BOURNE, R.J. Claudius II altar types. *NCirc* 104 (1996) p. 7 illus.

262 BRUUN, PATRICK. The victorious sign of Constantine: a reappraisal. *NC* 157 (1997) pp. 41-59 illus.

The author argues that some of the signs and symbols on Constantinian coins later regarded as expressly Christian may not have been intended to be so. (Martin Allen)

263 BUTCHER, KEVIN and MATTHEW PONTING. Silver Standards at Caesarea in Cappadocia. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 167-71.

The paper discusses the metrology and metallurgy of the Caesarean coins during the reigns of Vespasian, Trajan and Hadrian. The authors criticize the results of Walker and argue for an alloy of one part silver to one part copper. (Johannes Nollé)

264 CALLATAÏ, FRANÇOIS DE. Les monnaies au nom d'Aesillas. R. Doty and T. Hackens, eds., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 113-51 illus.

Based on a large amount of material (554 specimens), this study considers the coinage struck in Macedon during the 1st century B.C. in the name of Aesillas. From a close examination of the relevant data (die study, weights, diameters, hoards, overstrikes, etc.), it turns out that this coinage was issued in two phases, the first ca. 95-88 B.C., the second ca. 75-65 B.C. The tetradrachms with CAE-PR belong to the second phase while those with SVVRA belong to the first one. (Author)

265 CALLU, JEAN-PIERRE. A la frange de l'histoire: cinq textes ou paratextes de l'antiquité tardive. *NumAntClas* 26 (1997) pp. 365-84 illus.

One of the five notes is devoted to an aureus of Postumus, recently sold at auction in Paris, depicting the emperor wearing a cuirass on the obverse and the radiant sun guiding a quadriga on the reverse, with the legend ORIENS AVG in the exergue. (A. Carignani)

266 CAMPBELL, IAN. A Sponsian rediscovered. *NC* 157 (1997) pp. 194-96 illus.

The author traces the provenance of several barbaric gold pieces in the Hunter collection of Glasgow University, including one purporting to be of an otherwise unknown Roman ruler SPONSIAN. They are shown to have come from the De France collection in Vienna, having been reported in 1713 as found in Transylvania. (Author)

267 CAMPO, M. Noticia de un tesoro de denarios en el Canal de Urgel. *Numisma* 237 (1996) pp. 133-40.

268 CAMPO, M., RODA, P.P. RIPOLLES, M. GOMIS, T. VOLK, M. LLORENS and R. MAROT. *Las monedas en empts d'August. Gabinet Numismàtic de Catalunya*. Barcelona, Museu Nacional d'Art de Catalunya 1997. 198 pp.

269 CARAUNA, I.D., D.C.A. SHOTTER and E.J.E. PIRIE. Roman and medieval coins found during sewer renewal in Carlisle, 1983-87. *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* 94 (1994) pp. 65-76.

270 CARAUNA, IAN. A Roman coin from a buried soil near Mawbray. *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* 95 (1995) pp. 276-78.

The specimen is a bronze coin, probably of Tetricus II. (Martin Allen)

271 CARRELLI, SABINA. Dogane, merci e prezzi nella nuova iscrizione di Efeso. *RIN* 98 (1997) pp. 123-37.

The author comments on the text of an inscription from the Neronian period found in 1976 near the Basilica of St. John at Ephesus. The inscription contains a series of orders, from between 75 B.C. and A.D. 62, designed to regulate customs taxes and exemptions, food prices and fiscal matters regarding transport of goods in the province of Asia.
(A. Carignani)

272 CATALO, J., L. LLECH, P. MASSAN and A. IPIENS. Le forum de Rodez. Premiers résultats. *Mémoires de la Société archéologique du Midi de la France* 54 (1994) pp. 11-58.

Renovation of the center of Redoz was the impetus for a major emergency archaeological excavation that revealed a large part of the forum, previously unknown. The catalogue of 37 coins discovered during this operation is published on pp. 54-57. They include a Gallic coin (LT 4383) and 36 Roman coins ranging from Augustus to the middle of the 4th century A.D.
(Michel Amandry)

273 CLAYTON, PETER. Decisions reached on two major Roman treasure hoards – Seuso and Hoxne. *Minerva* 5 (1994) p. 4 illus.

The author reports on the official valuation of the Hoxne hoard from Suffolk and a court judgement on the ownership of a hoard from the Balkans.
(Martin Allen)

274 CLOGG, PHILIP and COLIN HASELGROVE. The composition of Iron Age struck 'bronze' coinage in eastern England. *Oxford Journal of Archaeology* 14 (1995) pp. 41-62.

The authors analyze the composition of eighty-eight copper and copper alloy coins excavated at the site of a pre-Roman shrine and Roman Temple at Harlow, Essex.
(Martin Allen)

275 COPE, L.H., C.E. KING, J.P. NORTHOVER and T. CLAY. *Metal Analyses of Roman Coins Minted Under the Empire*. British Museum Occasional Paper 120. London 1997. 161 pp. ISBN 0-86159-120-8.

276 CREIGHTON, JOHN. A time of change: the Iron Age to Roman monetary transition in East Anglia. *Oxford Journal of Archaeology* 13 (1994) pp. 325-34.

The author analyzes Icenian hoards, arguing that hoards traditionally associated with the Boudiccan revolt of A.D. 60/1 were deposited throughout the period of the Icenian client kingdom (A.D. 43-60/1). A gradual increase in the use of Roman coins in the kingdom is demonstrated.
(Martin Allen)

277 D'ALONZO, M. DANIELA. Il tipo de Cerere nella monetazione romana. F. Panvini Rosati, ed., *Richerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 113-23.

The author explores the various religious, social, political and economic connections to the use of this iconographic type. (A. Carignani)

278 DELMAIRE, R. De la monnaie gauloise à la monnaie romaine: l'exemple de la région du Nord - Pas-de-Calais. *Revue du Nord* 78 no. 318 (1996) pp. 9-14.

The author addresses the following questions: To what extent did Gallic coins survive the conquest of Gaul in 50 B.C.? Did they continue to circulate? When and how did Roman coins replace them? (Michel Amandry)

279 DEPEYROT, GEORGES. Les médaillons d'or uniface du quatrième siècle (318-340). R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 163-70 illus.

280 DE RANIERI, CRISTINA. *Providentia deorum*: investiture divina e carisma della dinastia nella propaganda iniziale di Commodus. *NumAntClas* 26 (1997) pp. 311-37 illus.

The theme of *Providentia deorum* or the goddess as *Iuppiter conservator* is frequently depicted on coins and medallions of the first years of the reign of Commodus. The author sees these choices as political propaganda, as Commodus was the first to ascend to the throne through a blood tie after approximately a century of succession through adoption. Commodus insisted on the divine nature of his imperial power rather than a dynastic claim based on his birth. (A. Carignani)

281 DE RUYTER, P.H. The denarii of the Roman Republican moneyer Lucius Julius Bursio, a die analysis. *NC* 155 (1995) pp. 79-147 illus.

282 DESNIER, J.-L. On the bridge on a coin of Septimius Severus, AD 208. *NC* 157 (1997) pp. 191-94 illus.

The author reinforces P.V. Hill's hypothesis of the design of the Milvian bridge on the aureus of Septimius Severus, A.D. 208. This Roman bridge is a symbol for northern nations, the Picts and Britons. (Author)

283 DOHNA, FERDINAND. Gestaltung öffentlichen Raumes und imperiale Ideologie am Beispiel des Kapitols von Thugga. *MDAI(R)* 104 (1997) pp. 466-76 illus.

A relief from the temple (emperor—Antoninus Pius—carried to heaven by the eagle of Jupiter) is compared with Roman consecratio issues from the Antonine period. (Hans R. Baldus)

284 DUKAT, ZDENKA and IVAN ŠARIĆ. Rimska štedna kasica iz Siska [Roman savings bank jar from Sisak]. *Vjesnik Arheološkog muzeja u Zagrebu* 28-29 (1995-96) pp. 97-110. English summary.

The authors describe a ceramic jar, with a slot for inserting money, containing 41 coins of the 3rd century A.D. The third such object found in Sisak, it may have been the product of a local workshop. (Charles B. Smith, Jr.)

285 DUNCAN-JONES, R.P. Change in the late Republican denarius. *NC* 155 (1995) pp. 109-17.

The article deduces a reduction in the weight of the Republican denarius soon after 90 B.C., from regression analysis of weights in the Cosa and Pontecorvo hoards. Significant deterioration in striking accuracy between 130 and 70 B.C. is also strongly suggested by the Cosa evidence. The implied wear-rate is substantially lower than in comparable hoards from the Principate. (Author)

286 DUNGWORTH, DAVID. Caley's 'zinc decline' reconsidered. *NC* 155 (1995) pp. 228-34 illus.

A brief review of the analysis of Roman brass coins concentrates on Caley's suggestion that the gradual decline in zinc content reflects remelting and restriking older issues. It is suggested that the metal used for Roman brass coins was unrecycled and carefully blended from brass and leaded bronze. The progressive and deliberate zinc decline in these coins parallels the well-known decline in the silver content of denarii and may reflect an attempt to maintain parity between them. (Author)

287 DUŠANIĆ, SLOBODA. Kovanje novca u rudničkim distriktima rimskog Ilirika [Minting in the mining districts of Roman Illyricum]. *Radionice i kovnice srebra [Silver Workshops and Mints]* (Belgrade 1995) pp. 131-44 illus. English summary. ISBN 86-7269-021-4.

The author explores methods of distinguishing unauthorized forgeries from officially-sanctioned imitations of Roman Imperial coin issues. Indicators of forgeries include: minting during periods of relative peace and prosperity, production in silver or (rarely) gold in addition to bronze, absence of examples in larger cities or around military camps, non-destruction of dies, and presence of dies far from cities and

military centers. The proximity of die finds to mining activity is testimony to the availability of metal and technical skills, and contemporary citations of especially severe legal penalties for forgery confirm the perceived threat from such activities.

(Charles B. Smith, Jr.)

288 FELGUERA HERRERO, I. Un tesorillo de época romana hallado en Teba (Málaga). *GacNum* 128 (1998) pp. 3-7.

289 FIGUEROLA, M. A propósito del tesoro de Balboa del Bierzo. *Numisma* 237 (1996) pp. 225-47.

290 FORABOSCHI, DANIELE. Il rapporto dracma/argento non monetato. *RIN* 98 (1997) pp. 139-43.

Three papyri shed new light on the evolution of the relationship between silver coinage and non-coin silver in Egypt during the Roman period. (A. Carignani)

291 FROLOVA, NINA and STANLEY IRELAND. A hoard of Bosporan coins in the period third century BC to AD 238 from Ancient Gorgippia (Anapa) 1987. *NC* 155 (1995) pp. 21-42 illus.

This is a catalogue and analysis of 517 coins found at the site of Ancient Gorgippia in Southern Russia. The multiple overstrikes and countermarks on the hoard's oldest specimens shed light on the monetary crisis in the region in the third century B.C. The hoard's termination in A.D. 238 lends further weight to the idea of another crisis in the coinage at that time. (Authors)

292 GARCIA DE FIGUEROLA, MIGUEL. Magnus Maximus en Lusitania: novedades numismáticas. *RIN* 98 (1997) pp. 145-57 illus.

293 GITLER, H. The Coins. M. Piccirillo and E. Alliata, *Mount Nebo New Archaeological Excavations 1967-97* (Jerusalem, Studium Biblicum Franciscanum 1998) pp. 550-67 illus.

These excavations in Jordan east of the Dead Sea yielded 197 coins, of which 125 copper coins are catalogued and illustrated. They cover the period from the first century B.C. to the 12th century A.D., the large majority being late Roman and Byzantine issues from the 4th century to A.D. 668. The publication includes comparative tables of similar finds and a summary listing of 137 surface finds from Kh. Al-Mukhayyat, a neighboring site. (Arnold Spaer)

294 GOMIS JUSTO, M. *La ceca de Ercevíca*. Col. Vives y Escudero 8. Barcelona, Asociación Numismática Española 1997. 158 pp.

295 GOZALBES, M. El tesoro de Almenara (Castelló). *Annals de l'Institut e'Estudis Gironins* 36 (1996) pp. 599-621.

296 GOZALBES, M. El tesoro de Mas d'Arago (Cervera del Maestra, Castelló) y la década del 260 d.C. *Quaderns de Prehistòria i Arqueologia de Castelló* 1996 pp. 383-404.

297 GRICOURT, D. Un petit ensemble monétaire découvert à Arras: bronzes et antoniniens jusqu'à Postume (année 269). *CahN* 132 (June 1997) p. 20-31.

The author publishes a purse found in a Theodosian embankment in the sector of Baudimont. It consists of 23 coins, 14 Antonine sestertii and 9 antoniniani of Volusian, Gallienus and Postumus. The end date of the hoard is ca. 269-70.

(Michel Amandry)

298 GUSCHTERAKLIEV, RADOSLAV and MATTHIAS SIMON. Darstellungen der Heilgöttin Hygiea auf Münzen der römischen Provinzen Moesia inferior und Thrakien während des 1. bis 3. Jh. n. Chr. *Erfurter Münzblätter* 5 (1997, publ. 1998) pp. 61-68.

299 HARDAKER, T. The Augustan forelock: new light on old problems. *NCirc* 104 (1996) pp. 439-41 illus.

The author discusses the portraits on coins of Augustus.

(Martin Allen)

300 HARL, KENNETH W. Greek Imperial Coins in the Economic Life of the Roman East. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 223-29.

The author deals with economic aspects of city coinage, especially with taxation, circulation of coins and monetization of the countryside.

(Johannes Nollé)

301 HOLMAN, DAVID. A lost Roman coin hoard from Worth. *Kent Archaeological Review* 121 (1995) pp. 20-21.

302 HUTTNER, ULRICH R. Wolf und Eber: die Flüsse von Laodikeia in Phrygien. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 93-108 illus.

Huttner discusses coins of Laodikeia/Phrygia with representations of the rivers Lykos and Kapros. He deals with the iconography of these coins and shows the importance of the two rivers for the people living in the city and the territory of Laodikeia; in particular he discusses water supply and religious/mythological identity.

(Johannes Nollé)

303 JACOBELLI, LUCIANA. Tessere numerali bronzee romane nelle Civiche Raccolte Numismatiche del Comune di Milano, Parte II, Considerazioni storico-artistiche. Serie iconografiche. *Annotazioni numismatiche* 10 (Milan 1997) pp. 1-28 illus.

The author discusses the iconography of these pieces from the first century A.D.

(A. Carignani)

304 JOHNSTON, ANN. Greek Imperial Denominations in the Province of Asia. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasiens. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 205-21 illus.

The author discusses several problems of retariffing city-coins. (Johannes Nollé)

305 JOHNSTON, ANN. Questions of survival. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 155-62 illus.

The author discusses the survival of third-century A.D. Roman provincial coins in circulation.

(Martin Allen)

306 KAMPMANN, URSULA. Eine gemeinsame Emission der Städte Pergamon und Ephesos für das Koinon der 13 Ionischen Städte. Beiträge des Münzhandels zur Imperialforschung. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasiens. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 83-91.

The author underlines the importance of auction catalogues and lists for numismatic research. Again and again unknown types and dies have been published. In particular, she presents a coin published first in catalogue 41 (1970) of the Münzen und Medaillen AG, which bears the name of the Ionian League. Kampmann believes that this coin was minted to honor the Ionian League and that it was not produced by the League itself, as other scholars thought.

(Johannes Nollé)

307 KEHNE, PETER. Archäologische und althistorische Forschungen zur Varusschlacht. Bericht über das 1. Althistorische Kalkriese-Colloquium in

Hannover am 8.Mai 1995. *Nachrichten aus Niedersachsens Urgeschichte* 65/1 (1996) pp. 225-30.

This report reflects the discussion of the archaeological and numismatic evidence in Kalkriese relating to Varus' battle in A.D. 9. (Peter Ilisch)

308 KENT, J.P.C. Roman Imperial Coinage Volume X. *NCirc* 104 (1996) p. 42 illus.

309 KENT, J.P.C. RIC addenda and corrigenda 3: to 31 December 1996. *NCirc* 105 (1997) pp. 39-41 illus.

310 KINDLER, A. The Coins. A. Negev, *The Architecture of Oboda—Final Report* (Qedem 36, Jerusalem 1997) p. 192.

A summary listing of 63 coins found during excavations of this Nabataean town in the Negev is provided. Only 28 coins have been identified. Apart from one copper coin of Aretas IV, all identified pieces were 4th-5th century A.D. Roman issues. (Arnold Spaer)

311 KISSEL, THEODOR. Sub iugum mittere—Zur kollektiven Bestrafung unterworfenen Kriegsgefangener im republikanischen Rom. *Antike Welt* 28/6 (1997) pp. 501-7 illus.

Caesarean and Roman imperial coins, struck to commemorate victories in Gaul or over Germanic tribes, are used for illustration. (Hans R. Baldus)

312 KLOSE, DIETRICH O.A. Münz- oder Gruselkabinett? Zu einigen alten Fälschungen kaiserzeitlicher Lokalmünzen Kleinasiens in der Staatlichen Münzsammlung München. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasiens. 27.-30.April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 253-64 illus)

The author presents 10 municipal coins of the Roman imperial period preserved in the Coin Cabinet of Munich which he identifies as forgeries. (Johannes Nollé)

313 KORSHENKO, A., I. GORSHKOV and A.J. HOLMES. The large bronze of Valentinian III. *NC* 155 (1995) pp. 271-275 illus.

Finds in the Cherson area, previously unknown to Western researchers, are used to demonstrate that the large bronze of Valentinian III with the two emperors reverse exists, with the CONS mintmark. No specimen has the TES mintmark, and the type seems to be found only in the Cherson area. (Authors)

- 314 KROLL, JOHN H.** Hemibols to Assaria: the bronze coinage of Roman Aigion. *NC* 155 (1995) pp. 49-78 illus.

The Achaian city of Aigion is one of the few Greek cities that struck bronze coins with occasional denominational legends and may be the only city that added such inscriptions during both the autonomous and imperial phases of its coinage. The study catalogues 232 coins of Aigion under 78 varieties, and treats iconography as well as the coinage's chronological and denominational structure. (Author)

- 315 LA TORRE, GIOACCHINO FR.** La monetazione dei Vestini. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 31-46.

Based on 24 surviving coins, the author looks at the main aspects of this coinage. These bronze coins with the legend VES were struck between 289 and 268 B.C. in the period just before Romanization. (A. Carignani)

- 316 LE BRAZIDEC, M.-L.** Les collections numismatiques du musée des Antiquités nationales: étude de trésors monétaires romains provenant de la forêt de Compiègne (Oise). *Antiquités nationales* 28 (1996) pp. 173-201.

This is a summary of the third round of research undertaken by the École du Louvre in 1995 (cf. *Lettre* 14). The different deposits presented are also noted in *TAF* 8-2 (cf. *Lettre* 18). (Michel Amandry)

- 317 LESCHHORN, WOLFGANG.** Die kaiserzeitliche Münzprägung in Phrygien. Stand der Arbeiten und Probleme der Forschung. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 49-60 illus.

The author discusses recent publications and research work. In particular, he deals with coins showing gods on horseback, Kybele and local heroes; he also treats coins reflecting the relationship of some Phrygian cities to Rome. The author presents an interesting new coin type of Amorion which illustrates the symmachia of Amorion with Rome. (Johannes Nollé)

- 318 LEVANTE, EDOARDO.** Greek Imperial Coinage of Cilicia. Work in Progress, Problems and Aims of Research. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 43-47.

The author presents a survey of numismatic studies on Cilician coins. In particular, he discusses a coin of the "Seleukeon ton pros ton Issikon kolpon" from an unidentified mint. (Johannes Nollé)

319 LIAMPI, KATERINI. Imperialforschung in Griechenland. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen 1* (Milan 1997) pp. 75-81.

The author deals with the contribution of Greek scholars to numismatic research. She presents several interesting numismatic studies often unknown outside Greece.

(Johannes Nollé)

320 MACALUSO, ROSALIA. Monete. O. Belvedere, A. Burgio, R. Macaluso and M.S. Rizzo, *Termini Imerese. Ricerche di topografia e di archeologia urbana* (Palermo, Istituto di Archeologia-Università di Palermo 1993) pp. 263-65 illus.

The author publishes 94 coins from excavations at this site in Sicily. Most are from the 4th and 5th centuries A.D. In particular, the author notes the discovery of two hoards of 24 and 31 coins, respectively, whose burial can be placed during the Vandal incursions into Sicily (A.D. 440-42).

(A. Carignani)

321 MACALUSO, ROSALIA. Le monete. Rosa Maria Bonacasa Carra, ed., *Agrigento. La necropoli paleocristiana sub divo* (Rome, L'Erma di Bretschneider 1995) pp. 303-23 illus.

In the course of excavations in 1985-86, 125 coins were found. Of these, 32 are from the 5th to 3rd centuries B.C. and 71 are from the 3rd to 5th centuries A.D.

(A. Carignani)

322 MANES, MARIA. La crisi monetaria da Caracalla a Gallieno. Massa monetaria e circolazione. Esame dei dati relative ai depositi monetali. F. Panvini Rosati, ed., *Richerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 175-200.

Based on evidence from hoards of silver and bronze coins found in Italy, the author discusses various aspects of the monetary crises in the 3rd century A.D. throughout the Roman empire.

(A. Carignani)

323 MARCOS ALONSO, C. Aportación a la circulación de las imitaciones de divisores romana-republicanos en la Peninsula Ibérica. *Numisma* 237 (1996) pp. 199-223.

324 MARQUES DE FARIA, A. Nomes de magistrados em moedas hispánicas. Correcoes e editamentos. *Conimbriga* 35 (1996) pp. 147-87.

325 MARTINI, RODOLFO. Monetazione provinciale romana. Note per una bibliografia generale. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 37-42.

The author discusses recent work to compile a bibliography of books and articles on municipal coins of the Roman imperial period. (Johannes Nollé)

326 MARTINI, RODOLFO. Tessere numerali bronzee romane nelle Civiche Raccolte Numismatiche del Comune di Milano, Parte I, Considerazioni numismatiche. Catalogo. *Annotazioni numismatiche* 10 (Milan 1997) pp. 1-28 illus.

The author examines pieces with imperial portraits (perhaps designed for congiaria), spintriae (bearing erotic scenes used in lupanari), and those with various subjects. They range from 2.5 to 4.5 gms., mostly in oricalchum, and date to the Julio-Claudian period. (A. Carignani)

327 MATTINGLY, HAROLD B. The Mesagne hoard and the coinage of the late Republic. *NC* 155 (1995) pp. 101-8 illus.

328 METCALF, WILLIAM E. Roman Dies in Modern Studies. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 253-58 illus.

The history and role of die study in modern treatments of Roman coinage is discussed and examples of the technique's application are provided. (Author)

329 METCALF, WILLIAM E. Notes on the Coinage of Severan Caesarea. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 173-81 illus.

The author provides a conspectus of the types and denominations struck at Caesarea and discusses weight standards, legends, the date of the neokorate, and the chronology of the last issues of Septimius Severus and his family. (Author)

330 METCALF, WILLIAM E. Aurelian's reform at Alexandria. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 269-76 illus.

The author catalogues 39 overstrikes of Alexandrian tetradrachms. These were produced in Aurelian's sixth regnal year and later, and occur on coins of his fourth

and fifth regnal years, after the recovery of the mint from Vaballathus. The overstrikes are connected with a weight reduction that is reflected in the hoards, and all these phenomena are to be seen in the context of the contemporary reform of the radiate coinage.
(Author)

331 METHY, NICOLE. *Orbis Terrarum, Genus humanum*. Les références au monde dans le monnayage du Haut-Empire. *NumAntClas* 26 (1997) pp. 339-63 illus.

Examining legends and coin types, the author notes the various references to the *Orbis* on imperial coins from Augustus to Commodus.
(A. Carignani)

332 MILJANIĆ, SVETLANA. Skupni nalaz rimskog bronzanog novca IV veka iz Remesijane [A group find of Roman bronze coins of the Fourth Century from Remesiana]. *Numizmatičar* 18/19 (1996) pp. 105-22 illus. English summary.

The hoard was discovered in 1976, during excavation of the basilica on the town forum of Remesiana (modern Bela Palanka), which in the late 4th century was part of Dacia Mediterranea. It consists of 209 bronze and copper coins of the fourth century, of which 33 were illegible, and the remaining 176 are catalogued. Positing the formation of the hoard as beginning in 364, with the latest coins dated to 388-92, the author finds that the date profile reflects a period of coin scarcity in 378-83, corresponding to a period of Central Balkan unrest due to Gothic incursions, and compares this result to a similar profile noted for Moesia I by M. Vašić.

(Charles B. Smith, Jr.)

333 MIMICA, BOŽO. Salonitanska kovnica [The Mint of Salona]. 1. *Međunarodni numizmatički kongres u Hrvatskoj: Zbornik radova* (1997) pp. 85-91 illus. English summary.

Treating various aspects of the mint of Salona, the author describes and illustrates Roman coins minted there by Julius Nepos (474-80) and by Ovidius (480-81/82), one of Nepos' assassins. Issues of the Salona mint under Justinian I and Justin II are described and new finds are illustrated. On the basis of coin finds, the author supports Marović's dating of Salona's destruction after A.D. 631.

(Charles B. Smith, Jr.)

334 MONOPOLI, M. CRISTINA. Considerazioni sulla riforma monetaria diocleziana. *RIN* 98 (1997) pp. 189-227.

The author discusses Diocletian's reform based on the discovery of new inscriptional fragments, especially one found in 1971 at Aphrodisias in Caria.

(A. Carignani)

335 MOORHEAD, T.S.N. A reappraisal of the Roman coins found in J.W. Brooke's excavation of a late Roman well at Cunetio (Mildenhall), 1912. *Wiltshire ArchMag* 90 (1997) pp. 42-54 illus.

336 MORELLO, ANTONIO. *Lucio Munazio Planco, raffinato interprete di un'epoca incoerente*. Venafro 1997. 158 pp. illus.

In the last chapter of this biography of L. Munacius Plancus, controversial protagonist in the civil wars, the author publishes coins issued in his name in Sicily (as *legatus*), Rome (as *praefectus urbi*), Transalpine Gaul (where he was the first governor) and in the East. (A. Carignani)

337 MUHLEMANN, Y. Le dépôt monétaire de Coeuve (Jura). *Lausanne. Bulletin de l'Association des amis du Cabinet des médailles* 9 (1996) pp. 21-26.

This article appeared in *Jurassica* 9 (1995) pp. 46-47, the summary of *Le trésor monétaire de Coeuve* of March 1995. The hoard consisted at the beginning of 600-800 coins, of which a catalogue of 409 pieces could be provided. These included 44 denarii and 365 antoniniani ranging chronologically from Septimius Severus to the joint reign of Valerian and Gallienus. The end of the hoard is dated to 260.

(Michel Amandry)

338 MUNZI, MASSIMILIANO. Considerazioni sulla riforma monetaria dell'Imperatore Giuliano. *AJIN* 43 (1996) pp. 295-306 illus

In the context of Julian's monetary reform, the author discusses the correct interpretation of the bull on the reverse of a billon coin; the chronological coincidence of the reform with the *vota decennialia* of the emperor; and the Julian "stater" according to the definition of the Syrian bishop Ephraim. (A. Carignani)

339 NOLLÉ, JOHANNES. Zur neueren Forschungsgeschichte der kaiserzeitlichen Stadtprägungen Kleinasien. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 11-26.

The paper discusses the difficulties which scholars and collectors concerned with municipal coins of the Roman Imperial period had and still have. The author deals with the methods of Friedrich Imhoof-Blumer and Louis Robert and criticises some ideas concerning the choice of reverses developed by Konrad Kraft; he underlines the importance of using these coins for historical research. (Author)

340 NOLLÉ, MARGRET K. Koloniale und mythische Verwandtschaften der Stadt Amisos in Pontos. *Internationales Kolloquium zur kaiserzeitlichen*

Münzprägung Kleinasiens. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen 1 (Milan 1997) pp. 157-65 illus.

There is a tradition (Pseudo-Skymnos) that Amisos was founded by colonists from Miletus and Phokaia, and lastly from Athens. Some scholars doubted that Phokaia was involved in the founding or refounding of Amisos. The author shows that a homonoia-coin of Phokaia celebrating the homonoia of Amisos and Phokaia supports the ancient tradition. Other homonoia coins—minted in Amisos—reflect the connections with the other mother-cities, Miletus and Athens. (Johannes Nollé)

341 ORNA-ORNSTEIN, JOHN. Money for Rome's naval secrets. *British Archaeology* 8 (1995) p. 7 illus.

Pictorial evidence from coins for the development of the Roman navy from the end of the second century A.D. to the fourth century is provided. (Martin Allen)

342 ORNA-ORNSTEIN, JOHN. Ships on Roman coins. *Oxford Journal of Archaeology* 14 (1995) pp. 179-200 illus.

343 PELLEGRINI, ENRICO. Su un presunto lingotto della classe del "ramo secco" rinvenuto a Lavello (PZ). *AIIN* 43 (1996) pp. 269-71 illus.

The author rejects the earlier attribution of this ingot. (A. Carignani)

344 PEPPE, LEO. M. Iunius Brutus triumvir monetalis e quaestor. *AIIN* 43 (1996) pp. 47-64.

The author supports the identification as a forgery of an aureus attributed to M. Iunius Brutus and discusses the possibility that two denarii of the same person can be dated to 54 B.C. when he was a triumvir monetalis. (A. Carignani)

345 PINCOCK, RICHARD. Nero's large bronze coinage for Egypt. *NC* 155 (1995) pp. 266-71 illus.

The largest bronze denomination in the Roman Alexandrian series, 35 mm. in diameter, was issued in limited numbers in the reign of Nero. A review of the known examples of the Neronian 'drachms' (five with a Sarapis reverse type and six with a Jupiter Capitolinus type) shows that the date of these coins is the 14th year of the reign (beginning 29 August A.D. 67), rather than the previously assigned 11th year. This redating is more consistent with the date of the Jupiter type introduced in Rome to commemorate Nero's preservation from the Piso conspiracy (19 April A.D. 65).

(Author)

346 POPOVIĆ, IVANA and BOJANA BORIĆ-BREŠKOVIĆ. *Ostava iz Bara [The Bare Hoard]*. Belgrade, Narodni muzej Beograd 1994. 201 + xiv pp. illus. Text in Serbian and English. ISBN 86-7269-020-6.

At least 279 silver denarii and other silver objects were discovered in 1964 at Bare village, about 6 km. east of Požarevac. The burial appears to date to the ninth decade of the first century A.D., during Domitian's wars with the Dacians. Markings (strokes, crescents, dots, and occasionally circles or letters) appear on 95 denarii (80 Republican, 14 legionary of Marc Antony, and two of Augustus), which, along with wear, testify to their long circulation.
(Charles B. Smith, Jr.)

347 POPOVIĆ, IVANA and BOJANA BORIĆ-BREŠKOVIĆ. *Ostava iz Bele Reke [The Bela Reka Hoard]*. Belgrade, Narodni muzej Beograd 1994. 148 + xx pp. illus. Text in Serbian and English. ISBN 86-7269-015-X.

The authors provide a comprehensive catalogue of coins and jewelry preserved from this 1936 find near Šabac, at the site of a Roman villa. The find included 322 silver denarii, including two worn legionary denarii of Marc Antony, and the remainder from Nero to Commodus. The authors revise the characterization of the find given by Jozo Petrović in 1942.
(Charles B. Smith, Jr.)

348 POPOVIĆ, PAVLE. *Cirkulacija tetarhijskog novca u Sirmiumu [Circulation of coins of the Tetrarchy in Sirmium]*. *Numizmatičar* 18/19 (1996) pp. 77-103 illus.

The author uses statistical analysis of coin finds in Sirmium by date of minting to define periods of higher coin mass in circulation, and he connects them with the political/military events which stimulated them. Four periods emerge: 294 - Diocletian's stay in Sirmium after reorganization efforts in Illyricum; 300/301 - inflation and Diocletian's attempt at price control; 305/306 - political unrest following the end of the first tetrarchy and subsequent death of Constantius; and 310 to 313 - political unrest and end of the tetrarchy system.
(Charles B. Smith, Jr.)

349 RAUSA, FEDERICO. *La base Farnese CIL VI, 196 e il tema della Fortuna Redux nella propaganda di Vespasiano*. *NumAntClas* 26 (1997) pp. 287-310 illus.

Starting from the Farnese base found in the Roman Forum in 1547, the author discusses the use of Fortuna Redux under Vespasian and the adoption of this subject for his coins.
(A. Carignani)

350 REBOURG, A. *Notes d'archéologie et d'histoire locales. Société éduenne des lettres, sciences et arts. Mémoires - N.S. 55 no. 3 (1993-94) p. 333.*

Some months after an emergency excavation conducted in 1978 in the Promenade des Marbres at Autun, a small hoard was discovered by chance by the workmen in charge of the repairs and was then dispersed. In 1986 the Musée Roulin was able to acquire 26 coins from this collection. They include 2 denarii of Julia Domna and Julia Mamaea and 24 antoniniani of Gordian III (7), Philip I (2), Trajanus Decius (1), Etruscilla (1), Volusian (3), Valerian (4), Gallienus (5) and Salonina (1). The hoard appears to have been buried ca. 259/260.
(*Michel Amandry*)

351 ROBINSON, MICHAEL. Phoenician inscriptions on the late Roman bronze coinage of Tyre. Part 1 - A coin depicting Pygmalion. *NCirc* 105 (1997) pp. 199-201 illus.

352 ROBINSON, MICHAEL. Phoenician inscriptions on the late Roman bronze coinage of Tyre. Part 2 - Coins with Elissa/Dido reverse. *NCirc* 105 (1997) pp. 234-236, 282 illus.

353 ROBINSON, PAUL. The late Roman hoard from Blagan Hill, Wiltshire. *Minerva* 5 (1994) pp. 14-15 illus.

The hoard contained over 7,200 Roman coins deposited ca. A.D. 400, with gold and silver jewellery.
(*Martin Allen*)

354 SALAMONE, GRAZIA. La Concordia militare nelle monete romano-imperiali. *RIN* 98 (1997) pp. 159-88 illus.

The author traces the evolution of the Concordia type on Roman coins from A.D. 68-69 to Constantine I.
(*A. Carignani*)

355 SALTON, MARK M. Coins of Caracalla from altered dies. *NCirc* 105 (1997) p. 158 illus.

356 SCHIESSER, P. Les monnaies antiques du site des abords de la cathédrale de Tours. *Tours: études numismatiques, SFN Supplément au bulletin* 6 (1997) pp. 33-42.

The author publishes 160 ancient coins discovered in 1994/95 during excavations in the area of the cathedral at Tours. Most of the pieces date to the period from 260 to 294.
(*Michel Amandry*)

357 SCHNURBEIN, SIEGMAR VON and SUSANNE SIEVERS. Bericht über die Tätigkeit der Römisch-Germanischen Kommission in der Zeit vom 1. Januar bis 31. Dezember 1996. *BerRömisch-Germanische Kommission* 77 (1996) pp. 349-81 illus.

A bronze punch-die for the production of Celtic coin dies (obv. of the Schönaich type: youthful male head r.), excavated in the mint (?) of the oppidum of Manching—near Ingolstadt/Danube—together with two iron dies for the production of fractional coins, is mentioned and illustrated (p. 361 fig.3). A Lugdunum as of Augustus, countermarked in A.D. 7-9 with the monogram of Varus, was excavated together with about 100 other coins at the Roman castle of Lahnau-Waldgirmes/Hesse and is mentioned on p. 364 and illustrated (fig. 5, rev. only). (Hans R. Baldus)

358 SCHULTZ, HANS-DIETRICH. Das Ende der städtischen Münzprägung von Ephesos und Samos unter Gallienus (260-268 n.Chr.). *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien*. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. *Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 231-52 illus.

The paper treats a special part of a large hoard of 6,700 municipal coins found in the Heraion of Samos. The author endeavors to date the end of the coinages of Ephesos and Samos precisely (A.D. 262-264). (Johannes Nollé)

359 SHARPE, ADAM. The Snettisham treasure. *Cornwall Archaeological Society Newsletter* 78 (1994) p. 8.

This is a brief account of the discovery of a hoard of coins and jewellery in Norfolk in 1970, and the subsequent investigation of the find-site, possibly a Roman sacred area. (Martin Allen)

360 SHOTTER, DAVID. Recent finds of Roman coins in Cumbria. *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* 94 (1994) pp. 291-94.

361 SILLS, JOHN. Coinage of the British coalition against Caesar. *NCirc* 105 (1997) pp. 324-26 illus.

362 SINAN, N. Geç Roma Dönemine Ait Çok Nadir Bir Sikke (Martinianus M.S. 324) [A Rare Coin from the Late Roman Period (Martinianus A.D. 324)]. *Anadolu Medeniyetleri Müzesi 1995 Yilligi* (Ankara 1996) pp. 177-80 illus. English summary.

363 SIYON, D. Akhziv - Wine-press. *Hadashot Arch* 107 (1997) pp. 7-8.

A coin of Constantius II dating to A.D. 351-54 was found embedded in the plaster of a partition between two basins of the wine-press at this coastal site in northern Israel. (Arnold Spaer)

364 SOMMER, KATJA I.L. Cius or Prusias? *NC* 155 (1995) pp. 149-155 illus.

Two Flavian coin-series bearing Heracles and his attributes formerly attributed to Prusias ad Hypium are shown to belong to Cius/Prusias ad mare. The likelihood of the changes in name of the polis suggested by the numismatic evidence is discussed in the historical context of Bithynia in the Flavian period. (Author)

365 STEWARTBY, LORD. VIRTUS, a new London type for Constantine Caesar (AD 307). *NC* 155 (1995) pp. 157-63 illus.

A new type for Constantine's London coinage, Virtus Augg et Caess NN, belongs to the period just before his elevation to the rank of Augustus. It is part of a series of reverse types alluding to Constantine's alliance with Maximian and Maxentius, before his marriage to Maximian's daughter Fausta in December 307. A revised arrangement of the London types of 307-9 is proposed. (Author)

366 TORBÁGYI, MELINDA. Zalaszentgróti antoninianus lelet [The Antoninianus Discovery at Zalaszentgrót]. *Zalai Múzeum* 8 (1997) pp. 105-14. German summary.

367 TORBATOV, SERGEY B. A new silver medallion of Galerius. *NC* 156 (1996) pp. 235-37 illus.

The author publishes a silver 4-argentei of Galerius struck in Serdica between 11 November 308 (the Conference of Carnuntum) and the end of the year. Galerius' gold and silver medallions are a special issue of Serdica, to commemorate the emperor's great political success at the conference. The issue must have been the swan song of the mint of Serdica, which closed late in 308 probably as a result of the arrangements at Carnuntum. (Author)

368 TRAVAGLINI, ADRIANA. Torre S. Sabina. Masseria Caposenno Piccolo. Rinvenimenti monetali. C. Marangio and A. Nitti, eds., *Scritti di Antichità in memoria de Benita Sciarra Bardaro* (Fasano, Schena Editore 1994) pp. 101-13 illus.

The author publishes 78 coins of various periods (mostly Roman imperial) found at Torre S. Sabina in Apulia along the Via Appia Traiana. (A. Carignani)

369 VANNI PECCATORI, FRANCA M. Il ripostiglio di Poggio Gobbo (GR). F. Panvini Rosati, ed., *Richerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editore 1996) pp. 125-73 illus.

The author publishes a hoard found in 1899 at Poggio Gobbo, near Vetulonia. It contained 928 coins, denarii and antoniniani from Nero to Severus Alexander. The burial is placed ca. A.D. 230-31.
(A. Carignani)

370 VERMEULE, CORNELIUS C. The Last of the Homeric World in Graeco-Roman Asia Minor. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 327-34 illus.

371 VERMEULE, CORNELIUS. Antonia Minor in the East. Richard Ashton and Silvia Hurter, eds., *Studies in Greek Numismatics in Memory of Martin Jessop Price* (London, Spink 1998) pp. 345-46 illus.

372 VISMARA, NOVELLA. Emissioni bronzee di Diadumenianus per la Phoenicia: Appunti per una discussione. Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasien. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. *Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 183-204 illus.

The author discusses the stylistic similarities of the coins minted by the cities of Berytus, Tyrus, Byblus and Tripolis during the reign of Macrinus. She thinks that the dies for these coins were produced in a central workshop, probably in Antioch.

(Johannes Nollé)

373 VISONÀ, PAOLO and SUSANNE FREY-KUPPER. The Romanization of the *Ager Bruttius* and the Evidence of Coin Finds. Part I. *SNR* 75 (1996) pp. 77-100.

This study aims to reconstruct the pattern of monetary circulation in the present-day region of Calabria from the end of the Second Punic War to the beginning of the Empire. Part I examines the distribution of finds of Roman Republican coins, and of issues of Copia, Valentia and Rhegium across the region. The authors conclude that local coinages, along with earlier Greek issues, were important components of the monetary circulation in Bruttium during the 2nd and 1st centuries B.C.

(Paolo Visonà)

374 VOLK, T.R. Nuevos datos sobre el tesoro del Cerro del Peñón ("Los Almadenas en Pozoblanco, 1925-1926"). *Numisma* 237 (1996) pp. 83-131.

375 WALLENSTEIN, UTA. Alexandrinische Münzen im Gothaer Münzkabinett — zur Sammlungsgeschichte und Bildpropaganda. *Erfurter Münzblätter* 5 (1997, publ. 1998) pp. 23-28.

The collection contains 2346 Alexandrian coins.

(Paul Arnold)

376 WEISS, PETER. Kaiserzeitliche Städteprägung und klassische Altertumswissenschaften. *Internationales Kolloquium zur kaiserzeitlichen Münzprägung Kleinasiens. 27.-30. April 1994 in der Staatlichen Münzsammlung, München. Nomismata. Historisch-numismatische Forschungen* 1 (Milan 1997) pp. 27-36 illus.

The author demonstrates the importance of municipal coins of the Roman Imperial period for historical research. (Johannes Nollé)

377 WILSON, THERESA and STANLEY IRELAND. *The coinage of Wroxeter in the Rowley's House Museum, Shrewsbury*. Shrewsbury, Shrewsbury Museums Service 1995. 15 pp. illus.

This is a summary of coins found at the Roman town of Wroxeter (Uriconium). (Martin Allen)

378 WOLOCH, G. MICHAEL. Comparative Representations of Imperial Status on Roman Medallions A.D. 317-326. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 349-57 illus.

For additional references to Roman numismatics, see the following abstracts:
 General, nos. 17, 20, 27, 28, 38
 Technology and Methodology, nos. 43, 46, 47, 52
 Greek, nos. 53, 100, 153, 170, 180, 204
 Byzantine, nos. 380, 394, 397, 398
 Western and Central Europe, nos. 609, 675, 676.

BYZANTINE

379 ALTHOFF, RALF. *Sammlung Köhler-Osbahr, Bd. V/1. Byzantinische Münzen und ihr Umfeld. Anastasius I. (491-518) bis Phocas (602-610)*. Duisburg, Stadt Duisberg, Kultur- und Stadthistorisches Museum Duisberg 1998. 200 pp. illus. ISBN 3-89279-541-X.

The catalogue contains precise descriptions of 1200 Byzantine coins. A foreword and short introduction provide general information about the emperors and their coins. (Author)

380 BARKAY, R. Roman and Byzantine Coins. Y. Hirschfeld, *The Roman Bath of Hammat Gader - Final Report* (Jerusalem, Israel Exploration Society 1997) pp. 279-300 illus.

The excavation of this site southeast of the Lake of Galilee conducted in 11 areas yielded 2875 coins of the Roman and Byzantine periods, most of them corroded beyond the possibility of identification. The author catalogues and partly illustrates 103 coins. They include a few city coins of Palestine and the Decapolis, late Roman coins and mainly Byzantine issues until the Arab conquest in A.D. 641. All are copper except one solidus of Heraclius with his sons. (Arnold Spaer)

381 BATES, MICHAEL L. and FRANK L. KOVACS. A hoard of large Byzantine and Arab-Byzantine coppers. *NC* 155 (1995) pp. 165-73 illus.

The authors publish a hoard including forty-five large-size Byzantine folles of the sixth and early seventh centuries, and eight imitation folles minted under Arab authority at Jarash and Baysan (Gerasa and Scythopolis) in the late seventh century. An early eighth century date of deposit is indicated by a counterstamp on one of the coins. The unusually large chronological spread of the hoard may be explained by a local preference for the large coppers of the sixth century that led to their conservation and continued use into the eighth century. (Michael L. Bates)

382 BENDALL, S. The coinage of Michael II, Angelos of Epirus, 1231-1265. *NCirc* 104 (1996) pp. 3-5 illus.

383 BENDALL, S. An enigmatic fourteenth century coin. *NCirc* 104 (1996) p. 39 illus.

The author discusses a Byzantine copper coin type, probably from a Thracian mint. (Martin Allen)

384 BENDALL, S. A Latin coinage for Thessalonica? *NCirc* 105 (1997) pp. 74-75 illus.

385 BENDALL, S. Two new silver basilika of John V and John VI, 1347-1352. *NCirc* 105 (1997) pp. 154-55 illus.

386 BENDALL, S. A new bronze coin of Andronicus III(?) with some general notes on the coinage of the reign. *NCirc* 105 (1997) pp. 198-99 illus.

387 BRENOT, CLAUDE. Deux monnaies d'argent aux noms d'Odoacre et de Théodoric trouvées en Provence (com. de Saint-Etienne-du-Grès). *BSFN* 52 no. 4 (1997) pp. 55-59 illus.

The first known pieces corresponding to weights of one siliqua and bearing a monogram, struck in 491-92 and before 518, are published. (Marc Bompaire)

388 CALLATAÿ, FRANÇOIS DE. Le développement de la collection de monnaies byzantines du Cabinet des Médailles de la Bibliothèque Royale Albert Ier. *RBelArchHistArt* 65 (1996) pp. 17-26 illus.

This article is a tribute to the work of Miss J. Lallemand, who died in 1995 and who built a Byzantine collection for the Brussels Cabinet in the years between 1956 and 1978, partly assisted by Philip Grierson, professor at the University of Brussels. Today the Belgian collection numbers 1,051 coins, including 398 in gold or electrum.

(Author)

389 CURTA, FLORIN. Invasion or Inflation? Sixth to Seventh Century Byzantine Coin Hoards in Eastern and Southeastern Europe. *AIIN* 43 (1996) pp. 65-224 illus.

390 FARQUHARSON, JOHN. The new varieties of Justinian I's folles. *NCirc* 105 (1997) p. 318 illus.

391 GOODWIN, TONY. A puzzling Arab-Byzantine coin. *NCirc* 104 (1996) p. 442 illus.

392 MALMER, BRITA. On Byzantine Coins from the Viking Age found in Sweden. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 249-52 illus.

393 MAROT, T. Monedas vándalas y bizantinas procedentes de Santa Pola (Alicante). *Numisma* 237 (1996) pp. 249-58.

394 METCALF, D.M. Viking-Age numismatics 1. Late Roman and Byzantine gold in the Northern Lands. *NC* 155 (1995) pp. 413-41.

395 PHILLIPS, MARCUS and TONY GOODWIN. A seventh-century Syrian hoard of Byzantine and imitative copper coins. *NC* 157 (1997) pp. 61-87 illus.

396 SIYON, D. 'Araba. *Hadashot Arch* 107 (1997) pp. 22-23.

A coin of Arcadius was found in a burial chamber at this Lower Galilee site.

(Arnold Spaer)

397 VÖLLING, THOMAS. Ein frühbyzantinischer Hortfund aus Olympia. *MDAI (A)* 110 (1995) pp. 425-59 illus. (no coins illustrated)

Reconstruction (from the files) of a hoard excavated at Olympia in 1877 indicates that late Roman and early Byzantine bronze coins in the weight of 6.8 kg were found together with pots (ceramics, copper) and iron tools. The material seems to have been concealed, like 11 other hoards from Olympia, during the Avaric and Slavic invasion in the reign of emperor Mauricius Tiberius (A.D. 582-602). *(Hans R. Baldus)*

398 WEISER, WOLFRAM. Bleisiegel der Spätantike und des Rhomäischen ('Byzantinischen') Mittelalters. *NNb* 46/11 (1997) pp. 545-58 illus.

A rather detailed survey of (late Roman and) Byzantine lead-seals is given. These are an important mirror of Byzantine history, society, religion, and arts.

(Hans R. Baldus)

For additional references to Byzantine numismatics, see the following abstracts:

General, nos. 17, 27, 38

Roman, no. 293.

NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN

399 ALBUM, STEPHEN. Comments on Shamma Collection. *Yarmouk Numismatic Journal* 8 (1996).

400 AL HUSAINI, MUHAMMAD BAQIR. Additions to Zambaur, The Ghurids, Delhi Sultans, Banu Tughluq Shah, Khwarazm Shahs (3 states); Supreme Khaqans; The Bahmanids, Muluk al Sharq; Muluk Malwa, Muluk Gujarat; Bengal's Governors; Muluk Kashmir. *Yarmouk Numismatic Journal* 8 (1996). In Arabic.

401 AMITAY-PREISS, N. and A. BERMAN. Muslim Coins. Y. Hirschfeld, *The Roman Bath of Hammat Gader—Final Report* (Jerusalem, Israel Exploration Society 1997) pp. 301-18 illus.

This site southeast of the Lake of Galilee yielded 1200 Muslim coins, of which only 165 could be identified. These include coins of "Arab Byzantine" type, Umayyad issues, 2 Abbasid, 3 Ayyubid and 1 Mamluk piece. All are copper except a gold coin dated 155 A.H. The coins which bear mint names generally come from the area, i.e. Damascus, Tiberias, Akko and al-Urdunn. *(Arnold Spaer)*

- 402** AVSHALOM-GORNY, D. Bet She'an A. *Hadashot Arch* 107 (1997) pp. 41-42.

At this site in the Jordan Valley 110 Islamic silver coins dating to the end of the 8th century A.D. were found in a ceramic pot on a stone floor. (Arnold Spaer)

- 403** BATES, MICHAEL L. An 'Abbasid Dinar of the Year 200 Hijre from Wasit. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 33-36 illus.

A dinar without mint name, but with the names "al-Hasan" and "Dhu'l-Riyasatayn" and the letter 'ayn, can be attributed to the mint of Wasit by virtue of dirhams with that mint name and with the identical combination of administrators' names. Al-Hasan can be identified as al-Hasan b. Sahl and Dhu'l-Riyasatayn as his brother al-Fadl. The 'ayn perhaps represents 'Ali b. Abi Sa'id, the officer of al-Hasan who took Wasit in this year and governed it. (Author)

- 404** BROOME, MICHAEL. Countermarked Islamic gold coins in Venetian Cyprus. *NC* 157 (1997) pp. 205-9 illus.

This article discusses four gold coins—three Mamluk and one Ottoman—that appear to have been countermarked in Cyprus ca. 1518. A similar date has been suggested for the countermarking of silver there. One of the marks on the gold coins is a figure interpreted as the value in bezants. (Mark Blackburn)

- 405** DAVIDOVICH, E.A. Narshakhi i Qubawi o reforme Ghitrifa, metalle i kurse monet *ghitrifi* (otsenka dostovernosti soobsh'eniya) [Narshakhi and Qubawi on Ghitrif's Reform, Metallic Content and Circulation Rate of the *Ghitrifi* Coins (estimation of source authenticity)]. *Vostochnoe Istoricheskoe Istochnicovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 17-69 illus. English summary.

For many centuries, Transoxanian coinage conformed to silver drachms of the Sasanian king Varahran V (420-38). Coins of this kind are usually called *Bukharkhudat*. Historical and geographical sources from the 9th-13th centuries discern three groups of the *Bukharkhudat* dirhams: *Ghitrifi*, *Muhammadi* and *Musayyabi*. A special chapter of *The History of Bukhara* written by Narshakhi and edited by Qubawi entitled "An account of the minting of dirhams and silver [coins] in Bukhara" contains a detailed account of only one of the mentioned groups of *Bukharkhudat* coins, the *Ghitrifi*. The metallic content of these coins is problematic. There are three denominations in *The History of Bukhara*, which states that they were alloyed of six metals including silver, that their color was black, and that they contained more silver than admixtures. All other narrative sources of the 9th-13th centuries state that the *Ghitrifis* were like *fulus* (copper coins), they had been made of

copper or a copper alloy with non-precious metals without silver. The question is which of the three attestations of the metallic content of the *Ghitrifis* is authentic? Comparison of the narrative and numismatic data about two other groups of *Bukharkhudat* dirhams (*Muhammadi* and *Musayyabi*) sheds light on the question. The author shows that *Muhammadi* were nummi subaerati containing ca. 40% silver and *Musayyabi* were nummi subaerati containing ca. 70% silver. In other words, the story presented in *The History of Bukhara* about high and low standard silver *Ghitrifis* which were black actually hides the fact of the formation of three groups of *Bukharkhudat* dirhams: the *Musayyabis* may be traced in the notion of the coins in which silver prevailed, the *Muhammadi* may be linked to the base silver coins, and the only remark tied to the *Ghitrifis* is that they were black. (Author)

406 DAVIDOVICH, E.A. Monety Muhammada b. Tekesha (1200-1220) iz klada, naydannogo na territorii Starogo Termeza [The coins of Muhammad b. Takish (1200-1220) from a hoard found on the site of Sary Termez]. *Vostochnoe Istoricheskoe Istochnikovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 189-203 illus. English summary.

The author describes 25 coins from a large hoard discovered in Sary Termez (South Uzbekistan). The coins, now in a private collection, are silvered copper dirhams of Muhammad b. Takish struck at Balkh, Termez, Chaghaniyan and Samarqand. The dirhams of Samarqand of 613 and 615 A.H. have been long known and have been published many times. The remaining coins are either rare or totally unknown. For example, the 615/1218-19 Termez coins (three types) and a coin dated 616/1219-20 appear for the first time. The 616/1219-20 dirham of Termez is rare, having been published only once before. The dirhams of Balkh and Chaghaniyan are also rare. (Author)

407 DJAPARIDZE, G.I. O monetah tbilisskogo amira Ali b. Dja'fara [On coins of Ali b. Dja'far, Amir of Tbilisi]. *Vostochnoe Istoricheskoe Istochnikovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 204-16 illus. English summary.

Few written sources mention Ali b. Dja'far, while his coins (struck from 386/996-97 to 418/1027-28) are the most numerous of the Dja'farid coinage. Until recently, three types of dirhams were thought to have been issued with his name, but the author has detected several new types among 466 known pieces issued by Ali b. Dja'far, most of them from two large hoards now preserved in various museums. The article includes detailed descriptions of types I-VI. The issues of Ali b. Dja'far can be divided into two groups according to metallic composition: coins of the earlier group are made of silver, and dirhams of 413 and 418 A.H. are struck in silver-plated copper. Examination of many of the dirhams of Ali b. Dja'far has allowed the author to correct previous wrong attributions, specify dates and readings of coins legends, and expose the differences and criteria for defining the 413 and 418 A.H. issues with lost dates. (Elena Davidovich)

408 EUGEN, NICOLAE. Skupni nalaz turksih aspri iz Vatra Moldoviței (okrug Suceava - Rumunjska) [Hoard of Turkish akçe from Vatra Moldoviței (Suceava District - Romania)]. *Numizmatičke vijesti* 50 (1997) pp. 110-12. English summary.

Four remaining specimens of a hoard of 52 "small Turkish coins" found about 1934 are described. The four akçes include two of Suleyman I (of Constantinople and Edirne), and one each of Bayezid II (of Novar) and Selim I (of Constantinople). The circumstances of the find are reviewed and the deposit tentatively dated to Suleyman I's invasion of Moldavia in 1538.
(Charles B. Smith, Jr.)

409 FAHMI, SAMIH ABDUL RAHMAN. Types of Coins of al-Hakim bi-Amr Allah, the Fatimid, 386-411 H (A.D. 996-1021). *Yarmouk Numismatic Journal* 8 (1996). In Arabic.

410 FEDEROV, MICHAEL and LUTZ ILISH. Qarakhanid Gold Coins of the 11th Century A.D. *Yarmouk Numismatic Journal* 8 (1996).

411 GONCHAROV, E.Y. Mednye monety XIV v. goroda Hadji-Tarkhan [Copper Coins of Haji-Tarkhan of the 14th Century]. *Vostochnoe Istoricheskoe Istochnikovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 178-88 illus. English summary.

The author describes 12 groups of coins struck at Haji Tarkhan (modern Astrakhan, Russia) in the 14th century. Nine of the 12 groups of coins under review have not been published before, among them an emission of 799/1396-97 issued after the destruction of the town by Timur's troops. A more exact reading of a *pul* dated 776 A.H. (A.D. 1374-75) is proposed ("The just Amir Cherkes Bek" instead of "The just Sultan..."). The average weight of copper coins issued in the 1380s-90s fluctuated between 1.4 and 1.7 grams. Haji Tarkhan, like other mints of the Ulus of Djuchi, operated at full range, producing both copper and silver coins.

(Elena Davidovich)

412 HOGE, ROBERT W. A parcel of mainly 'Abbasid gold coins. *NC* 157 (1997) pp. 239-47 illus.

413 JUEL-JENSEN, BENT and BRIAN ATKINS. The gold coinage of Aksum: new analyses. *NCirc* 104 (1996) pp. 124-25 illus.

414 JUEL-JENSEN, BENT. A new warq of King Ousanas of Aksum. *NCirc* 105 (1997) pp. 236-37 illus.

415 KOCHNEV, B.D. Svod nadpisey na qarakhanidskih monetah: antroponimy i titulature (chast' 2) [A Corpus of Inscriptions on the Qarakhanid Coins: Anthroponyms and Titles (Part 2)]. *Vostochnoe Istoricheskoe Istochnikovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 245-314. English summary.

This publication completes the vast task of uniting and categorizing coin inscriptions for the study of the political and social history of the Qarakhanids (late 10th-early 13th centuries A.D.): names and titles, mint names and dates, coin denominations, etc. (Part 1 was published in the same periodical, volume 4, 1995, pp. 201-78 [see *NL* 135 no. 577]). Part 2 covers the period from the division of the Qarakhanid state into two kaghanates (431 A.H./A.D. 1040) to its total collapse.

(Elena Davidovich)

416 LOGINOV, S.D. and A.B. NIKITIN. Sasanidskie bronzovye monety Merva [The Sasanian Bronze Coins of Merv]. *Vostochnoe Istoricheskoe Istochnikovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 217-29 illus. English summary.

Hundreds of bronze coins found during archaeological excavations in Iran and Mesopotamia have not yet been published. The best studied are the bronze coins found in Merv (Turkmenia, the site of Giaur-qala) and for the most part struck at the same mint in the names of Sasanian kings and local rulers. The description of these coins is supplemented with some coin types issued outside Merv but which circulated within the town and the surrounding area. The authors provide descriptions and schematic drawings.

(Elena Davidovich)

417 MALEK, HODGE MEHDI. A hoard group of drachms of the Dabuyid Ispahbads and early 'Abbasid governors of Tabaristan. *NC* 155 (1995) pp. 175-91 illus.

This is an analysis of a hoard of 810 drachms of Tabaristan in North East Iran covering the period of the later Ispahbads and early Abbasid governors. The hoard included a number of previously unrecorded variants.

(Author)

418 MALEK, HODGE MEHDI. Two groups of fifth-century Sasanian drachms. *NC* 156 (1996) pp. 327-31 illus.

Two hoards of Sassanian drachms from the fifth century are analysed. The first hoard, comprising 143 drachms, has been published elsewhere (*Iran* 33 [1995] pp. 67-84). The second hoard, with 59 drachms, is listed. The hoards appear to confirm that output of drachms under Vahram V (A.D. 421-39) was considerably higher than under his successor Yazdgerd II (A.D. 439-57).

(Author)

- 419** MAY, N. Jerusalem - Har Hozvim. *Hadashot Arch* 107 (1997) pp. 81-84.

In the course of excavations, an Ayyubid coin dating to the period A.D. 1218-37 was found in one of the chambers of a burial cave. (Arnold Spaer)

- 420** METCALF, D.M. A large hoard from the Latin East concealed during the reign of Henry I of Cyprus (1218-53) *NC* 157 (1997) pp. 133-56 illus.

The author describes a hoard of 744 coins probably concealed in the 1240s, including 254 deniers of Cyprus, 277 of Burgundy and coins of other Crusader and French feudal mints. The hoard is compared with three hoards of similar composition but earlier date, and it is suggested that the historical context is the political strength of the Ibelin family on Cyprus and on the mainland. (Author)

- 421** METCALF, D.M. and M. JACOBOWITZ. A new type of anonymous denier of Cyprus of the early thirteenth century. *NC* 156 (1996) pp. 243-47 illus.

The authors describe and discuss the five known specimens of a type reading REX CYPRI/CYPRI, which is die-linked to the early type of Henry I (1218-53). They point out that it could belong before or after or even during that type, and they suggest tentatively the date of 1224, when a tournament was held and two elder sons of John of Ibelin were knighted. (Authors)

- 422** METCALF, D.M. Viking-Age numismatics 3. What happened to Islamic dirhams after their arrival in the Northern Lands? *NC* 157 (1997) pp. 295-335.

- 423** MUNRO-HAY, STUART. A new gold coin of King MHDYS of Aksum. *NC* 155 (1995) pp. 275-77 illus.

- 424** NIKITIN, ALEXANDER and GUNTER ROTH. The earliest Arab-Sasanian coins. *NC* 155 (1995) pp. 131-37 illus.

- 425** NIKITIN, ALEXANDER and GUNTER ROTH. A new seventh-century countermark with a Sogdian inscription. *NC* 155 (1995) pp. 277-79 illus.

- 426** NOVAK, VLASTIMIL. Fatimid and post-Fatimid glass jetons in the National Museum, Prague. *NC* 157 (1997) pp. 89-132 illus.

427 PELLICER I BRU, J. Metrologia árabe monetaria "El Repartamiento de Comares." *Numisma* 238 (1996) pp. 229-36.

428 PESANT, ROBERTO. The Latin type coppers of Tancred and Roger of Antioch. *NCirc* 104 (1996) pp. 7-9 illus.

429 PESANT, ROBERTO. A small copper from Crusader Antioch. *NCirc* 104 (1996) pp. 163-64 illus.

430 PETROV, P.N. and K.D. SMYCHKOV. Klad serebr'anyh pozolochennyh dinarov Velikih Sel'djuqov [A Hoard of Gilt Silver Dinars of the Great Seljuqs, Part 2]. *Vostochnoe Istoricheskoe Istochnikovedenie i Spetsial'nye Istoricheskie Distipliny* 5 (Moscow 1997) pp. 230-42 illus. English summary.

A loarge hoard containing several hundred coins was found in 1980 or 1981, probably in Turkmenia. In 1985 P.N. Petrov published 12 pieces of the complex (ЭБ 23 pp. 52-56, nos. 1-12). Later the authors examined 25 more silver dinars preserved in private collections (nos. 13-37, some of them bearing traces of gilding). The dinars were struck with the names of Malikshah (Samarqand), Muhammad and Sanjar (Marw) and Sanjar along (Herat, Marw, Balkh).
(Elena Davidovich)

431 PHILLIPS, MARCUS and SUSAN TYLER-SMITH. A hoard of Tripoli gros and half gros and French gros tournois. *NC* 155 (1995) pp. 193-225 illus.

The hoard comprised 52 Tripoli gros and half gros of the type traditionally assigned to Bohemond VI (1251-75), and 137 gros and half gros in the name of Bohemond VII (1275-87), together with seven regal French gros tournois. The pattern of wear and die-linking indicate that the whole Tripoli gros issue was of relatively brief duration and quite probably confined to the nominal reign of Bohemond VII. It was on a single weight standard heavier than the gros tournois. References to the circulation of both types of gros in the Latin East in the Venetian merchant's handbook 'Zibaldone' are discussed.
(Authors)

432 PHILLIPS, MARCUS. A further thirteenth-century parcel from Syria. *NC* 155 (1995) pp. 359-363 illus.

433 RADIĆ, VESNA. Retke turske akče iz ostave nadjene u selu Šetonje [Rare Turkish akçes from a hoard found in the village of Šetonje]. *Numizmatičar* 18/19 (1996) pp. 123-31 illus. English summary.

The author publishes a selection of particularly rare types from a hoard of 4032 akçes purchased by Belgrade's National Museum in 1973. Shown are 48 coins, with

accompanying drawings of their legends, including unpublished types of the mints of Hudeyde, Amid, Amasya, Belgrad, Bursa, Çança, Harput, Konstantiniye, Kuçayna, Larende, Mudava (Old Moldavia), Novar/Novabirda, Ruha, Tire, Edirne, Kuçayna and Srebreniçe.
(Charles B. Smith, Jr.)

434 RODRIGUEZ LORENTE, J.J. Una dobla del Sayyid Abd-al-Rahman ibn Ali (776-784 H/1374-1381 dC) acuñada en Marrakes. *Numisma* 237 (1996).

435 SAATÇI, T. 1993 Senesinde Müzemize Satinalma Yoluyla Gelen Bir Gurup Islami Sikke [A Group of Islamic Coins Bought for the Museum in 1993]. *Anadolu Medeniyetleri Müzesi 1993 Yilligi* (Ankara 1994) pp. 83-107 illus.

The article presents coins of the Umayyads, Saljuks of Rum, Artuqids, Atabegs of Irbil, Atabegs of Jazira, Ilkhans, Isfendiyarids and Ottomans, 24 in all.

(Ömer Diler)

436 SAATÇI, T. Yenikent Eskibucak Köyü Definesi [A Hoard from Yenikent Eskibucak Village]. *Anadolu Medeniyetleri Müzesi 1995 Yilligi* (Ankara 1996) pp. 114-61 illus. English summary.

The author publishes 83 silver coins of the Saljuks of Rum.

(Ömer Diler)

437 SAATÇI, T. Sultan Melik Şah Ve Oğlu Berkyaruk'un 4 Önemli Altın Sikkesi [Four Important Gold Coins of Sultan Malik Shah and his Son Berkyaruk]. *Anadolu Medeniyetleri Müzesi 1996 Yilligi* (Ankara 1997) pp. 140-48 illus.

The four coins were minted in Qawqaz, Nishabur, Ahwaz and Madinat al-Salam.

(Ömer Diler)

438 SEARS, STUART D. A New Ruler on the Muslim Sasanian Style, Coinage of Kirman Al Musayyab b. Shahr? A.H. 79 Shamma Collection. *Yarmouk Numismatic Journal* 8 (1996).

439 SHAMMA, SAMIR. Abbasid Fulus. *Yarmouk Numismatic Journal* 8 (1996). In Arabic.

440 SHAMMA, SAMIR, Samarra Coins. *Yarmouk Numismatic Journal* 9 (1997). In Arabic.

441 SHAMMA, SAMIR. The Earliest Abbasid Coin Struck in Yaman, 156 A.H. *Yarmouk Numismatic Journal* 9 (1997). In Arabic.

442 SREĆKOVIĆ, SLOBODAN. Osmanlijsko kovanje akçe na Balkanu (III) [Ottoman minting of akçe in the Balkans (3)]. *Dinar* 5 (May 1997) pp. 21-23 illus.

Treating coin production under Suleyman I, the author outlines the three periods defined by obverse inscriptions and describes the evolution of coin production during each period. Illustrations are provided of the different forms each mint name may take on coins of that mint.
(Charles B. Smith, Jr.)

443 TARAWNEH, K.F. Inscriptions on Ottoman Coins. *Yarmouk Numismatic Journal* 9 (1997). In Arabic.

444 TREADWELL, LUKE. The Islamic dirhams from the Neble hoard. *NNÅ* 1992-93 (publ. 1997) pp. 22-33 illus.

The author publishes the Neble hoard from Zealand, Denmark, containing 154 fragments of dirhams and seven European coins. It is a typical Danish dirham hoard with over 70% Samanid coins. The number of imitations, 18 coins or 12%, is higher than normal in Danish hoards.
(Ulla Westermarck)

445 YAGCI, R. İnsan Başı ve Yumruk Biçimli Bir Grup Mühür ile Bir Igne [A Group of Human Head and Fist-Shaped Seals and a Pin]. *Anadolu Medeniyetleri Müzesi 1995 Yilligi* (Ankara 1996) pp. 181-206 illus. English summary.

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

General, no. 38

Technology and Methodology, no. 42

Roman, nos. 252, 253

Byzantine, nos. 381, 391

Western and Central Europe, nos. 563, 606, 643, 647

Paper Money, nos. 844, 884.

INDIA AND SOUTH ASIA

446 HÜTTEL, HANS-GEORG. Zwei Licchavi-Fundmünzen von Khyinga/Südmustang. Ein Beitrag zum Mananka-Problem. *Beiträge zur allgemeinen und vergleichenden Archäologie* 17 (1997) pp. 65-86 illus.

The chronology and meaning of the earliest Nepalese coins (i.e. Sri-Mananka-coins of the later 6th/earlier 7th century A.D.) are discussed, two of which were found during 1992 excavations. (Hans R. Baldus)

447 JENSEN, UNO BARNER. *Danish East India. Trade Coins and the Coins of Tranquebar 1620-1845*. Private edition 1997. 48 pp. illus.

This catalogue of the coins is supplemented with historical background. (J. Steen Jensen)

448 REBELLO, F. Unrecorded trial strike of 1840. *NCirc* 105 (1997) pp. 321-22 illus.

A copper striking of the 1840 silver half xerafim of Goa is published. (Martin Allen)

449 UPHOFF, JOSEPH. A Study in Cultural Ecclecticism [sic.] as Exemplified by Kushani Coin Motifs. *JEAN* 5 no. 2 (16, Summer 1998) pp. 31-33.

The evolution of Kushan coinage from Greek prototypes into fully integrated Indo-Greek types (with some Chinese leavening at times) is described. Deities and religious symbolism from many cultures were used on Kushan coinage; several examples are cited. (Joseph E. Boling)

450 WALBURG, REINHOLD. The 'maneless lion coins' of ancient Sri Lanka: a revision. *Beiträge zur allgemeinen und vergleichenden Archäologie* 17 (1997) pp. 135-46 illus.

The pieces under discussion are temple tokens from the time of king Mahasena (ca. A.D. 325-352), used in the Jetavana complex. (Hans R. Baldus)

For additional references to the numismatics of South Asia and India, see the following abstracts:

Greek, no. 116

Paper Money, no. 854.

EAST ASIA

- 451** FORSHEN, GEORG W. A Coin Garden? *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 31-36 illus.

The author describes eleven large coin replicas that decorate an amusement park in Kuala Lumpur. (Joseph E. Boling)

- 452** HOUSTON, ROSE CHAN. A Preliminary Investigation into the Gold and Silver Coinage of Chinese Antiquity. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 223-33 illus.

- 453** KANN, E[DUARD]. Early Chinese Silver Coinage. *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 46-50. [reprinted without illustrations from *Asia Stamp Journal* 1 no. 7, Dec 1939]

The earliest Chinese "dollars" (pre-1889) are described, starting with the Taiwan "old man" pieces, then several of the military ration emissions, and ending with the 1888 Kweichow 50 cent and \$1 coins. (Joseph E. Boling)

- 454** MINABU SHUKICHI. *Etchu no Kin-, Gin-ka [Gold and Silver Coins of Etchu]*. Toyama City, Katsura Books 1991. iv+88 pp. illus. In Japanese.

This book illustrates and describes 88 gold and silver pre-Meiji provincial coins, mostly in the form of rectangular or oval plates and sheets. The illustrations are in color and life-size, with additional illustrations 2x life size for many of the smaller pieces. A number of the unusual Japanese coins that appear at auction are contained in this book. The second half of the book repeats the same pieces, but with rubbings for illustrations and with additional descriptive text. (Joseph E. Boling)

- 455** OP DEN VELDE, W. Northern Sung Large Iron Coins with Mintmarks? *JEAN* 4 no. 2 (13, Summer 1997) pp. 11-16 illus.

A collection of 63 large iron coins of Northern Song, of which 29 pieces have a character on the reverse, is described. The published Northern Song coins with reverse characters are summarized (they are rare), and the occurrence of 29 previously unrecorded pieces in a non-archeological setting is regarded with suspicion.

(Joseph E. Boling)

- 456** SCHOONHEYT, JACQUES A. Des monnayages du royaume du Siam. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic*

Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli (Louvain-la-Neuve 1996) pp. 309-16 illus.

457 SHIMIZU TSUNEYOSHI. *Chiho Kahei, Bu-shu Ginban Kakaku Zufu: Genko Shihei, Kindai-ka Tegawari-sen [Illustrations of Valuable Provincial Coins, Bu and Shu Silver Pieces, Current Paper Money, and Modern Coin Varieties]*. Yamagata City, Nanryo Coin and Stamp Co. 1996. 104 pp. illus.

Scores of more-valuable varieties of mainly common coins and notes are illustrated, ranging from pre-Meiji provincial and *han* coins and notes through Showa period minor coinage and notes. Most varieties are illustrated photographically, many with supplementary rubbings to isolate the minor differences that constitute a coin variety. Paper money varieties are confined to serial number prefixes/suffixes (but not simply the number of characters involved; the actual letters used are also significant).
(Joseph E. Boling)

458 [SMITH, BRUCE W.] Numismatic Literature on the Far East. *JEAN* 4 no. 2 (13, Summer 1997) pp. 33-39.

Six books in English and ten in Chinese or Japanese are reviewed.

(Joseph E. Boling)

459 SMITH, BRUCE W. Notes on the Kirin Mint and its Coins. *JEAN* 5 no. 2 (16, Summer 1998) pp. 9-15.

The complexity of the Kirin series is used as an introduction to a discussion of die varieties; how they are created, why they are significant, and how they should be catalogued.
(Joseph E. Boling)

460 [SMITH, BRUCE W.] Numismatic Literature on East Asia. *JEAN* 5 no. 2 (16, Summer 1998) pp. 24-25.

Six books in English, Korean, Japanese and Chinese are reviewed.

(Joseph E. Boling)

461 THIERRY, F. Une monnaie sino-sogdienne trilingue de Boukhara. *BSFN* 1997 no. 7 p. 144-50.

This unpublished bronze coin, belonging to the Sino-Sogdian coinage of Transoxiana, presents a trilingual inscription in Aramean, Sogdian and Chinese scripts with the *tamgha* of the kings of Bukhara. The analysis of the type connected with historical data leads the author to date the coins between 655 and 676 A.D., after the establishment of the Chinese Protectorate and before the submission of Bukhara to the Arab rule.
(Author)

462 THIERRY, F. *Monnaies chinoises, I - L'Antiquité préimpériale*. Paris, Bibliothèque nationale 1997. 308 pp. illus. ISBN 2-7177-1987-3.

This book, the first volume of the catalogue of Chinese coins in the Cabinet des Médailles in Paris, is devoted to the currency of China from its origins to the end of the Zhou Dynasty. The catalogue, with more than 500 items, is preceded by historical analysis that reconsiders Chinese numismatics in the light of recent archaeological discoveries. (Author)

For additional references to the numismatics of East Asia, see the following abstracts:

Paper Money, nos. 836, 838, 839, 845, 850, 851, 852, 853, 857, 862, 863, 864, 866, 870, 871, 872, 873, 880

Tokens and Jetons, nos. 909, 926.

AFRICA -- MEDIEVAL AND MODERN

463 SEMANS, SCOTT. African bracelet money. *Yorkshire Numismatist* 3 (1997) pp. 129-36 illus.

For additional references to the numismatics of Africa, see the following abstracts:

Paper Money, nos. 847, 848, 882, 893.

EUROPE -- MEDIEVAL AND MODERN

GREAT BRITAIN AND IRELAND

464 ABRAMSON, TONY. The Yorkshire coiners: 'Owt for nowt.' *Yorkshire Numismatist* 3 (1997) pp. 85-96.

The author discusses the clipping and counterfeiting of English gold coins in eighteenth-century Yorkshire. (Martin Allen)

465 ALEXANDER, A.R. A key for Victorian Young Head bronze pennies. *NCirc* 104 (1996) pp. 409, 443.

466 ALLEN, MARTIN. Documentary evidence for the Henry VI Annulet coinage of York. *BNJ* 65 (1995) pp. 120-34.

The author provides a survey of the evidence for the operation of the royal mint in York Castle in 1423 and 1424, with translations of selected documents. A postscript by Marvin Lessen comments upon estimates of the output of each denomination inferred from the documentary evidence. (Author)

467 ALLEN, MARTIN. The date of King John's Conference of Moneyers. *BNJ* 65 (1995) pp. 223-24.

January 10, 1208, is the generally accepted date of the Westminster meeting of people associated with the sixteen mints open during King John's reform of the English coinage. The date specified in the letters patent initiating the meeting is shown to be October 24, 1207. (Author)

468 ALLEN, MARTIN. The chronology of Edward I class 2. *BNJ* 66 (1996) pp. 123-24.

The Fox brothers argued that their class II of Edward I's sterling coinage was introduced in January 1280. Canterbury dies of class 2a in the North classification were probably supplied on 15 November 1279, and the supply of class 2b dies began before the end of 1279. Hoard evidence is more consistent with the Fox dating of the end of class II (ca. July 1280) than with G.C. Brooke's date (May 1280). (Author)

469 ALLEN, MARTIN. The classification of Henry VII sovereign pence. *BNJ* 66 (1996) pp. 127-30 illus.

E.J. Winstanley's classification of the English pence of the sovereign type issued between 1489 and 1509 assumes that the number of pillars in the throne of the enthroned portrait of Henry VII has a chronological significance. Analysis of dies used at the Durham mint indicates that the ornaments on the pillars should be preferred as the basis of relative chronology. A new classification is described and illustrated. (Author)

470 ARCHIBALD, MARION, JANET R.S. LANG and GUSTAV MILNE. Four early medieval coin dies from the London Waterfront. *NC* 155 (1995) pp. 163-200 illus.

Four eleventh- to twelfth-century steel-capped iron dies found in spoil from a development site on the north bank of the Thames are described, and their production technique and archaeological context discussed. They are upper dies for reverses of silver pennies of Cnut (Short Cross type of Norwich), William I (*BMC* type vii of

Wareham), Henry I (*BMC* type iii of Southwark) and Stephen (regional Pellet-in-Annulet variety of *BMC* type I of Northampton). (Authors)

471 ARCHIBALD, MARION and VALERIE FENWICK with M.R. COWELL. A sceat of Ethelbert I of East Anglia and recent finds of coins of Beonna. *BNJ* 65 (1995) pp. 1-19 illus.

The coinage of Beonna of East Anglia (749-ca. 760 or later) is reassessed in the light of thirty new finds since 1985. A penny ('sceat') of similar type and metal content found in excavations at Burrow Hill, Suffolk, reading in runes 'Ethaelbert,' is identified as the first known penny of 'Alberht,' mentioned only in the *Historia Regum* as sharing in the division of East Anglia with 'Hunbeorna' (Hun and Beonna proposed by Chadwick) in 749. An identification with the later Ethelbert of East Anglia murdered on Offa's orders in 794 is ruled out. (Authors)

472 ATTWOOD, PHILIP. The Macclesfield hoard of nineteenth-century gold coins. *BNJ* 66 (1996) pp. 136-139.

Two cups containing 299 sovereigns and 152 half-sovereigns were discovered in the foundations of a demolished house in Macclesfield in 1995. The coins dated from 1824 to 1878. Twenty of the sovereigns were struck in Australia. (Author)

473 BARCLAY, CRAIG. The Middleham hoard: a river of silver. *Minerva* 6 (1995) pp. 15-17 illus.

This is a report on a seventeenth-century English Civil War hoard, found by a metal-detectorist in 1993. (Martin Allen)

474 BARCLAY, CRAIG. The Ryther treasure trove. *BNJ* 65 (1995) pp. 135-50.

On April 4, 1992, a hoard of 817 medieval silver coins was found by a metal detectorist at Ryther in North Yorkshire. The hoard, which was concealed ca. 1487, is catalogued. Appendices describe the Humber-ware pot which held the hoard, and reproduce documents relating to the supply of dies to the York archepiscopal mint in 1487. (Author)

475 BARCLAY, CRAIG. Coin finds reported to the Yorkshire Museum, 1992-96. *Yorkshire Numismatist* 3 (1997) pp. 159-73.

476 BARCLAY, CRAIG. Two Tudor hoards from North Yorkshire. *NCirc* 105 (1997) pp. 76-77 illus.

477 BEAN, S.C. Catalogue of medieval coins down to 1279 in the Liverpool University collection. *NCirc* 104 (1996) pp. 40-41 illus.

478 BESLY, EDWARD. Short Cross and other medieval coins from Llanfaes, Anglesey. *BNJ* 65 (1995) pp. 46-82 illus.

This paper publishes and discusses a series of over 600 medieval coins, principally English issues of the thirteenth century A.D., found at Llanfaes, formerly the commercial center and port of the princes of Gwynedd. The coins are compared with other contemporary hoards and site find series, mainly from England. For the Short Cross coinage, the evidence these and other single finds provides for the development of coinage use in medieval Wales is considered and the nature of the Rhuddlan mint is reassessed. (Author)

479 BLACKBURN, MARK and JENNY MANN. A late Anglo-Saxon coin die from Flaxengate, Lincoln. *NC* 155 (1995) pp. 201-8 illus.

480 BLACKBURN, MARK. Two Norman deniers from the Stornoway hoard 1988-90. *NC* 155 (1995) pp. 334-36 illus.

481 BLACKBURN, MARK. Hiberno-Norse and Irish Sea imitations of Cnut's Quatrefoil type. *BNJ* 66 (1996) pp. 1-20 illus.

482 BLACKBURN, MARK and KEVIN LEAHY. A Lincoln mint-signed coin from the reign of Edgar. *NC* 156 (1996) pp. 239-41 illus.

A Crux type reverse die of Aethelred II, moneyer Colgrim, found in excavations is published (Author).

483 BLACKBURN, MARK. A hoard of late St Edmund coins from near Colchester. *NC* 156 (1996) pp. 289-91 illus.

484 BONSER, MIKE. Fifteen years of coin finds from productive sites. *Yorkshire Numismatist* 3 (1997) pp. 39-45.

The author discusses English sites providing exceptional numbers of metal-detector finds, and lists finds from eight sites. (Martin Allen)

485 CHALLIS, C.E. and P.H. RAMSEY. Currency and the bill of exchange in Gresham's England. Ann Saunders, ed., *The Royal Exchange* (London 1997) pp. 68-75.

486 CHICK, DEREK. Some recent forgeries in the Anglo-Saxon coinage. *NCirc* 104 (1996) p. 159 illus.

487 CHICK, DEREK. Towards a chronology for Offa's coinage: an interim study. *Yorkshire Numismatist* 3 (1997) pp. 47-64 illus.

488 COOK, B.J. and ADRIAN LEWIS. An early sixteenth-century silver hoard from Downham, Lancs. *BNJ* 66 (1996) p. 131.

This note records a small hoard of silver coins deposited ca. 1510-20. The hoard includes issues of Edward IV and Henry VII of England (latest coins dating to 1508-9), a double patard of Charles the Bold and a chinfrac of Alfonso V of Portugal.

(Authors)

489 CUDDEFORD, MICHAEL J. Single coin finds: some observations. *Yorkshire Numismatist* 3 (1997) pp. 137-42.

A discussion of the recording and interpretation of metal-detector finds in Britain is presented.

(Martin Allen)

490 DOTY, RICHARD G. The Parys Mine Company and the Industrialisation of Money. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 171-82 illus.

491 DOWTHWAITE, IAN. Long Cross moneyers of York. *Yorkshire Numismatist* 3 (1997) pp. 73-83.

The author reconstructs the careers and family histories of the moneyers responsible for the production of the Long Cross coinage in York between 1248 and 1250.

(Martin Allen)

492 DU QUESNE BIRD, N. Some lost coinages and the nomenclature of metals in post-medieval records. *NCirc* 104 (1996) pp. 5-6.

493 DU QUESNE BIRD, N. A calendar of original sources for the monetary history of the Channel Islands. *NCirc* 104 (1996) pp. 160-61, 200.

494 DU QUESNE BIRD, N. Possible counterfeiters' moulds for the lost-wax process. *NCirc* 105 (1997) p. 199.

The author discusses lead molds, probably used in the lost-wax casting of counterfeits of English coins, from James I to George III.

(Martin Allen)

495 DYER, G.P. Thomas Graham's copper survey of 1857. *BNJ* 66 (1996) pp. 60-66 illus.

496 DYKES, D.W. A royal washerwoman unmasked: the Loch Leven penny. *NCirc* 104 (1996) pp. 406-7 illus.

A Scottish penny token dated 1797 is published. (Martin Allen)

497 ELLIOTT, LEE. A 'porcupine' sceat from Adbolton deserted medieval village, Nottinghamshire. *TransThorotonSocNotts* 100 (1996) pp. 169-70 illus.

498 EVERSON, TIM. Anglo-Saxon silver third pennies. *NCirc* 105 (1997) p. 241.

499 GRAHAM-CAMPBELL, JAMES and MARK BLACKBURN. An unprovenanced Viking-Age silver hoard of tenth-century date. *NC* 155 (1995) pp. 279-82 illus.

500 HOLMES, N.M.McQ. with VALERIE E. DEAN. The Ednam, Roxburghshire, hoard (1995). *BNJ* 66 (1996) pp. 33-59 illus.

A hoard of 1472 English, Scottish, Irish and continental coins, probably deposited ca. 1321-22, was recovered during construction work. The latest coins included die-linked groups of English class 15b pennies of Durham and Scottish pennies of Robert Bruce. This is the first large hoard to be published using the SCBI North collection classification for the English pennies and that proposed by Stewart and North (*BNJ* 60 [1990] pp. 37-64) for Alexander III's second issue. (Author)

501 HOLMES, N.M.McQ. More on the Dumfries hoards (1878). *BNJ* 66 (1996) p. 125.

The discovery of documents relating to the two hoards discussed by the writer in *BNJ* 64 (1994) pp. 41-49 has shed further light on their confusion in later records. (Author)

502 HOLMES, N.M.McQ. An unrecorded farthing type of David II of Scotland. *BNJ* 66 (1996) p. 126 illus.

The coin discussed and illustrated appears to be the first recorded specimen of a farthing belonging to David's coinage of the early 1350s. (Author)

503 HUFFMAN, JOSEPH P. Documentary evidence of Anglo-German currency movement in the central Middle Ages: Cologne and English sterling. *BNJ* 65 (1995) pp. 32-45.

504 HULET, J.R. Two unpublished sixpences of James I. *NCirc* 104 (1996) pp. 125-26 illus.

505 HULET, J.R. A new variety of Charles I Tower shilling. *NC* 105 (1997) p. 3 illus.

506 JENNINGS, SARAH. Coin hoard pots, Humber ware drinking jugs and the problems of nomenclature. *Medieval Ceramics* 18 (1994) pp. 97-107 illus.

The author discusses Yorkshire-made drinking vessels, including two used to contain the Ryther and Skipton on Swale hoards. (Martin Allen)

507 JOHNSON, W. Textual sources for the study of Jewish currency crimes in thirteenth-century England. *BNJ* 66 (1996) pp. 21-32.

The author discusses connections between contemporary perceptions of the Henry III's political emasculation and a belief that his coinage was being clipped by the Jews or 'circumcised by the circumcised.' In the 1270s coin clipping was a standard accusation against English Jews, every Jew in England was arrested and many were executed. Jewish records show a growing awareness that allegations of coin clipping would lead to the destruction of the Jewish community. (Author)

508 JONSSON, KENNETH. The coinage of Cnut. Alexander R. Rumble, ed., *The Reign of Cnut: King of England, Denmark and Norway* (London, Leicester University Press 1994) pp. 192-230.

509 LESSEN, MARVIN. Simon's mill gold coins and medals of Charles II, 1660-62. *BNJ* 65 (1995) pp. 151-68 illus.

This paper defines and discusses the machine-made 30 mm. gold and silver pieces dated 1660, 1661 and 1662. The various types dated 1660 are medals, produced no earlier than late 1661, and they are not patterns for coins. The Coronation medal dated 1661 was official, and made for that purpose in April 1661 and later. The so-called pattern broads dated 1662 are currency 20-shilling coins, from several dies, made in March and April of that year, but stopped because of manufacturing failures, causing the hammered coinage to be resumed. Simon's accounts and related documentation are presented. (Author)

510 LESSEN, MARVIN. A listing of Cromwell coin types. *BNJ* 66 (1996) pp. 132-33 illus.

In this revision to the 'Summary of the Cromwell coinage' which appeared in *BNJ* 35 (1966), a new table lists the die-struck types currently known, with

illustrations of a number of items that have never been shown before. Struck forgeries and copies are included. (Author)

511 LOBEL, RICHARD, MARK DAVIDSON, ALLAN HAILSTONE and ELENI CALLIGAS. *Coincraft's 1998 Standard Catalogue of English & UK Coins 1066 to date*. London, Coincraft 1998. 717 pp. illus.

512 MANVILLE, H.E. Additions and corrections to Thompson's Inventory and Brown and Dolley's Coin Hoards—Part 2. *BNJ* 65 (1995) pp. 169-84.

A second selection of additions and corrections (see *NL* 134 no. 800 for the first), citing information on a further group of hoards and single coin finds. Forty 'new' hoards and seven important single finds are listed, and additions/corrections to nineteen previously listed hoards are noted. (Author)

513 MANVILLE, H. E. *Numismatic Guide to British & Irish Periodicals 1836-1995*. London, A. H. Baldwin & Sons Ltd. and Spink & Son Ltd. 1997. 1083 pp. illus.

514 MASS, JEFFREY P. Die links for the London mint in Short Cross classes IVc and Va1. *BNJ* 65 (1995) pp. 221-23 illus.

The so-called recoinage of 1204/5 has traditionally been seen to divide the Short Cross penny series; it was assumed that there were no 'mules' between the affected classes. The first such mules, of the Canterbury mint, were published in 1989, to which we can now add mules from the mint of London. (Author)

515 MAYHEW, N.J. An early coin of William the Lion. *BNJ* 65 (1995) pp. 219-20 illus.

A new example of the first coinage of William the Lion of Scotland (1165-1214) is discussed, and a metallurgical analysis by P. Northover is appended. (Author)

516 NEWMAN, J.A. The true provenance of the Woodbridge sceatta 'hoard'. *BNJ* 65 (1995) pp. 217-18.

This paper discusses the recovery of four sceattas from Felixstowe beach in Suffolk, close to the site of the late Roman Saxon Shore fort known as Walton Castle, shortly after 1909. It is suggested that these sceattas are better known as the Woodbridge 'hoard', and that this provenance entered the numismatic literature as the vendor lived in Woodbridge when the coins were sent to auction in 1934. It is noted that Walton Castle is likely to have seen intensive use in the Middle Saxon period as a high status ecclesiastical site, and therefore would be expected to be prolific in artefact and coin finds. (Author)

517 NORTH, J. J. *English Hammered Coinage. Volume I: Early Anglo-Saxon to Henry III c. 600-1272. 3rd ed.* London, Spink 1994. 271 pp. illus.

518 NORTH, J.J. Some imitations and forgeries of the English and Irish Long Cross pence of Henry III. *BNJ* 65 (1995) pp. 83-119 illus.

The author describes and illustrates 135 imitations of English and Irish Long Cross pence, with the identification of die-links. A few coins have been firmly or attributed to their issuers, and tentative attributions have been suggested for others. Details of the lettering are discussed and illustrated, and summaries of important hoards are included. (Author)

519 NORTH, J.J. Two Edwardian notes. *BNJ* 65 (1995) pp. 224-25 illus.

The author corrects the attribution of an Edward I Dublin penny described as Group A(2) in *BNJ* 61 (1991) pp. 27-28, but later identified after cleaning as Group D, previously recorded only as a mule with a Group E reverse. An Edward III Florin coinage farthing of the Reading mint which reads EDWARDUS REX AN – an unrecorded obverse legend is described. (Author)

520 O'HAIR, RICHARD A.J. A new die error in the silver Second Coinage of Henry VIII. *NCirc* 105 (1997) p. 283 illus.

521 O'HARA, MICHAEL DENNIS, ELIZABETH PIRIE and PETER THRENTON-PETT. An iron reverse die of the reign of Cnut. Alexander R. Rumble, ed., *The Reign of Cnut: King of England, Denmark and Norway* (London, Leicester University Press 1994) pp. 231-82 illus.

522 PAGAN, HUGH. Mints and moneyers in the West Midlands and at Derby in the reign of Eadmund (939-46). *NC* 155 (1995) pp. 139-61 illus.

523 PIRIE, E.J.E. with M.R. COWELL. Eardulf: a significant addition to the coinage of Northumbria. *BNJ* 65 (1995) pp. 20-31 illus.

A base-silver styca issued for Eardulf of Northumbria (ca. 796-ca. 810) was recovered by metal-detector at Burton Fleming, North Humberside, in August 1994 and is now in the British Museum. Discovery of the first known coin for this king has provided the impetus for a review of the reign (and the usurpation of Aelfwald II, ca. 806-8), and for a reappraisal of the coinage of Northumbria at the turn of the eighth and ninth centuries. (Authors)

524 PIRIE, E.J.E. Eanred's penny: a Northumbrian enigma. *Yorkshire Numismatist* 3 (1997) pp. 65-68 illus.

The author attributes an enigmatic penny of King Eanred to the Northumbrian king of that name, and redates it from ca. 850 to ca. 830-835. (Martin Allen)

525 PUREFOY, PETER BAGWELL. Fifty pence from Romney. *NCirc* 104 (1996) pp. 367-68.

This is a William I Profile Left pence of the Romney mint, probably from the 1739 Denge Marsh hoard. (Martin Allen)

526 ROBINSON, BRIAN. Captain James Cook's distribution of Maundy money. *Yorkshire Numismatist* 3 (1997) pp. 97-100.

The author discusses evidence for Captain Cook's use of British Maundy coins as gifts on his voyages of exploration. (Martin Allen)

527 ROGERS, D.J. DE S. The new Norwich halfpennies of 1465. *NCirc* 104 (1996) p. 403 illus.

528 RUMSBY, JOHN H. Yorkshire checks and passes in the Kirklees Museum. *Yorkshire Numismatist* 3 (1997) pp. 211-233.

529 SHARP, MICHAEL. Unites from shilling dies and unrecorded shillings of Charles I. *BNJ* 65 (1995) p. 225 illus.

530 SHARP, MICHAEL. Some Jacobite and anti-Jacobite pieces. *BNJ* 65 (1995) p. 226 illus.

531 SHOTT, MICHAEL. Another Eadwald/Eadnoth find. *NCirc* 104 (1996) p. 164 illus.

A metal-detector find of a fragment of a cut halfpenny of King Eadwald of east Anglia is reported. (Martin Allen)

532 SHOTTER, DAVID. Recent coin-finds from Cumbria. *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* 95 (1995) pp. 274-76.

533 SINCLAIR, MAY. A new moneyer for the Saxon mint of Winchcombe. *NCirc* 105 (1997) pp. 370 illus.

534 SMART, VERONICA. A problem of convention: a belated reply. *Yorkshire Numismatist* 3 (1997) pp. 69-72.

The author discusses the standardisation of moneyers' names in the publication of Anglo-Saxon coins. *(Martin Allen)*

535 STEWARTBY, LORD. German imitations of English short-cross sterlings. *NC* 155 (1995) pp. 209-60 illus.

536 STEWARTBY, LORD. Scottish coin collectors. *BNJ* 66 (1996) pp. 87-112.

Scottish coins have been actively collected for more than three hundred years. This essay describes the more notable collectors and collections, and their contribution to the development of Scottish numismatics, with particular reference to the great age of Scottish coin collecting in the late nineteenth-century. *(Author)*

537 STEWARTBY, LORD. The Scottish thirty-shilling piece dated 1581. *NC* 157 (1997) pp. 209-11.

The unique 30s. piece, of the 1582-6 coinage of James VI, with the date 1581 shares an obverse die with a coin dated 1586. This suggests that 1581 was an error date, and the die put aside for that reason until brought into use at the end of the coinage. *(Author)*

538 STOCKER, MARK. The coinage of 1893. *BNJ* 66 (1996) pp. 67-86 illus.

The author discusses the preparation of designs for the British coinage of 1893, and public reaction to them. *(Martin Allen)*

539 SYMONS, DAVID. A checklist of coins from Warwickshire in the collection of the Department of Archaeology, Birmingham City Museum. *TransB'hamWarwksArch Soc* 100 (1996) pp. 155-57 illus.

540 WILLIAMS, DAVID. The 1990 Reigate coin hoard. *Surrey ArchColl* 83 (1996) pp. 91-96.

The author reports on the discovery, topographical context, and pottery containers of a mid-fifteenth century English hoard. *(Martin Allen)*

541 WISE, PHILIP J. Recent coin finds from Warwickshire and Worcestershire. *West Midlands Archaeology* 37 (1994) pp. 15-17.

For additional references to the numismatics of Great Britain and Ireland, see the following abstracts:

Roman, no. 269

Western and Central Europe, no. 685

Paper Money, no. 842, 883

Tokens and Jetons, nos. 902, 903, 904, 906, 915, 916, 917, 918, 919, 920, 921, 925.

WESTERN AND CENTRAL EUROPE

542 AAGAARD, SVEN. Gotfred Krügers københavnske kronoudmøntning 1671-74 [The Copenhagen crown emission 1671-1674 by Gotfred Krüger, examined through weight-analysis and die-analysis]. *NNÅ* 1992-93 (publ. 1997) pp. 116-31 illus. In Danish with English summary.

The analysis is based on the 301 crowns in the 1987 Køge hoard and additional material in public and private collections which together make it possible to study the coin production of the period in detail. (Ulla Westermarck)

543 AGUD GORMAZ, A. and A. VAÑEZ SANCHEZ. Seis monedas inéditas de Alfonso VII El Emperador. *GacNum* 127 (1997) pp. 17-23.

544 ALTERI, GIANCARLO, ed., *Monete e medaglie di Sisto IV*. Catalogo della mostra, Biblioteca Apostolica Vaticana 1997-1998. Rome, Edizioni Shakespeare and Co. 1997. 125 pp. illus.

The exhibit presented 180 coins and medals struck under Sixtus IV (1471-84). From the iconography of these pieces emerges two salient traits that characterized this pontificate: the celebration of the Holy Year, the Jubilee of 1475, and the feverish building activity promoted by the Pope to renew the urban profile of Rome.

(A. Carignani)

545 ANHAUSER, KILIAN. Silver plating on a Carolingian denier of Pepin III reconsidered. *NC* 156 (1996) pp. 237-39 illus.

A silver plated Carolingian denier of Pepin III, previously published as the earliest example of amalgam silvering on coins, was re-examined using scanning electron microscopy and X-ray fluorescence analysis. It was found that the coin was in fact plated by fusing silver foil on a copper alloy core. On coins and other European metal objects amalgam silvering did not appear before the thirteenth century.

(Author)

546 ARBEZ, FERNAND. Bail de la monnaie de Tours en 1615. *BSFN* 52 no. 6 (1997) pp. 128-30.

The author describes the adjudication from March 5 to May 30, 1615.

(Marc Bompaire)

547 ARNOLD, PAUL. Das Münzwesen in Sachsen und Polen zwischen 1697 und 1763. *Unter einer Krone—Kunst und Kultur der sächsisch-polnischen Union, Ausstellung im Dresdner Schloß vom 24. November 1997 bis 8. März 1998* (Leipzig 1997) pp. 143-44 illus.

548 ARNOLD, PAUL. Pieniadz w Posce i Saksonii w latach 1697-1763. *Pod jedną koroną—kultura i sztuka w czasach unii polsko-saskiej, Ausstellung im Warschauer Schloß 26. Juni - 12 Oktober 1997* (Warsaw 1997) pp. 476-77.

This is the same article as the previous, in Polish.

(Author)

549 ARNOLD, PAUL. Meissner "Kreuzgroschen"—Groschenfund von Ponickau. Anmerkungen zum Beitrag von Günther Röblitz über "Die Teilung der wettinischen Lande von 1382 und das Münzwesen sowie der Währungsverfall bis 1405." *GN* 33 (1998) pp. 71-72.

550 AURICCHIO, G.C. A proposito di un'emissione monetaria di Francesco II di Borbone. *RIN* 98 (1997) pp. 317-19 illus.

The author concentrates his attention on the issue of a 10-tornesi coin struck in 1861, during Francesco II's exile from Rome.

(A. Carignani)

551 BARCELO, M., J. COLINO and F. RETAMERO. Nueve ejemplares más de fulús de la serie NAFAQA. *GacNum* 128 (1998) pp. 9-12.

552 BELOŠEVIĆ, JANKO. Prethodno priopćenje o sadržaju skupnog nalaza srednjovjekovnog novca i nakita 14. do 15. st. u Pridrazi kod Novigrada [Preliminary information regarding the contents of the hoard of 14th-15th century medieval coins and jewelry at Pridraga near Novigrad]. *Numizmatičke vijesti* 50 (1997) pp. 88-100. English summary.

The author describes a large hoard of medieval coins and jewelry discovered in Croatia in 1960. Most important were 225 silver Venetian soldini with the inscription MONETA DALMATIE, the minting of which was authorized in 1410 and 1414 by the Venetian Senate. Eleven examples are illustrated, including Gardiakos types 1 and 2, plus a third type with blank shield, as well as variations. Also included in the hoard, with examples illustrated by the author, were coins of Aquilean patriarchs of 1350-1411, Venetian doges of 1329-1413, Duke Hrvoje Vukčić of Split, Hungarian rulers Louis I and Marie of Anjou, and the cities of Padua and Gorizia.

(Charles B. Smith, Jr.)

553 BENZI, FABIO. Innovazioni nelle leggende delle monete e medaglie di Sisto IV. Giancarlo Alteri, ed., *Monete e medaglie di Sisto IV*. Catalogo della mostra 1997-98, Biblioteca Apostolica Vaticana (Rome, Edizioni Shakespeare and Co. 1997) pp. 9-10.

The author outlines the treatment of legends on coins and medals of Sixtus IV, which exhibited a classicizing tone with legends such as PVBLICAE VTILITATI, CVRA RERVVM PVBLICARVM, VRBIS RENOVATOR. (A. Carignani)

554 BERNARDELLI, ARMANDO. Ritrovamenti monetali nell'area di S. Corono a Vicenza. *Bollettino del Museo Civico di Padova* 79 (Padua 1990) pp. 381-406 illus.

The author publishes 83 coins (plus tokens, devotional medals and stamps), mostly medieval to 16th century, found in 1970 in the area of S. Corona at Vicenza and currently in the Museo Civico in Padua. (A. Carignani)

555 BERNARDI, GIULIO. *Il Duecento e Trieste. Le monete.* Trieste, Giulio Bernardi Editore 1995. 189 pp. illus.

556 BIENAS, RUDOLF. Der Wismarer Münzfund von 1945. *Erfurter Münzblätter* 5 (1997, publ. 1998) pp. 29-46.

The hoard, rescued from a destroyed church in 1945, contained 130 15th-century coins of Lübeck, Salzwedel, Lüneburg, Hamburg, Denmark, Stendal, Mecklenburg and Wismar. (Paul Arnold)

557 BILZER, BERT. Ausgewählte Braunschweiger Münzfunde. Hartmut Rötting, ed., *Stadtarchäologie in Braunschweig. Ein fachübergreifender Arbeitsbericht zu den Grabungen 1976-1992. Erweiterte Neuauflage.* Forschungen zur Denkmalpflege in Niedersachsen 3 (Hannover, Institut für Denkmalpflege 1997) p. 291 illus.

The author describes 11 coins from the 14th to 19th centuries found during excavations. (Peter Ilisch)

558 BOISSÉSON, JEAN DE. Etude d'une monnaie mérovingienne trouvée en Touraine. *BSFN* 52 no. 6 (1997) pp. 114-15 illus.

A copper coin of Veuves (Loir-et-Cher) was found near Chinon. (Marc Bompaire)

559 BOISSÉSON, JEAN DE. Doubles tournois de Louis XIII non répertoriés pour l'atelier de Tours. *BSFN* 52 no. 6 (1997) pp. 130-32 illus.

The author discusses variants in the legends on two coins of 1638 and 1640.

(Marc Bompaire)

560 BOMPAIRE, MARC. A travers quelques documents monétaires médiévaux, la première installation de la Chambre des monnaies. J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 89-94.

The author discusses the presence of the Chambre des monnaies from June 1421 to April 1422; Saint-Martin's demand for the right to strike coinage in 1316; and the seizure of illegal coinage and clipped coinage at the Monnaie d'Angers in 1462.

(Author)

561 BOMPAIRE, MARC. Monnaies ou bijoux. C. Buret, ed., *Sommeil mérovingien, La nécropole de Bierry-les Belles-Fontaines (Côte d'Or)* (Musée d'Avallon 1997) pp. 26-27.

562 BOMPAIRE, MARC and R. ANTONY MERSON. A propos du tournois d'or à la croix (écu d'or de saint Louis). *BSFN* 52 no. 6 (1997) pp. 125-27.

The authors describe two hoards (Naples 1280 and Toulouse 1308) containing écus of St. Louis.

(Marc Bompaire)

563 BOMPAIRE, MARC, MARIA GUERRA and YVES SOLIER. La grotte du Crès de la Louve à Roquefort-des-Corbières: une officine de faux-monnayeurs. *Bulletin de la Société d'études scientifiques de l'Aude* 96 (1996, publ. 1997) pp. 71-76 illus.

The authors analyze the false moneyers and coins of the 13th century, Almohad half-dirhems.

(Marc Bompaire)

564 BOTET I SISO, J. *Obra numismàtica esparsa i inèdita*. Barcelona, Societat Catalana d'Estudis Numismàtics 1997. 444 pp.

565 BOURON, MICHEL. Teston de Henri III, avec erreur Hanricvs, fabriqué à La Rochelle en frappe convexe au droit. *BSFN* 52 no. 5 (1997) pp. 82-83 illus.

The author publishes a coin of 1576 from a find (with a terminus of 1609) of 11 silver coins from Saint-Christophe-du-Ligneron (Vendée).

(Marc Bompaire)

566 BOUYON, B. *Etudes de gravure monétaire, De l'Italie grecque archaïque à l'Europe du 17e siècle*. *Moneta* 12 (1998). 96 pp. illus.

This is a set of studies on coinage technology during the Greek and modern periods. The author publishes the dies of several mints, including the 153 dies (13th, 17th centuries) of Arras.

(G. Depeyrot)

567 BRAÑA PASTOR, J.L. Ponderal inédito de 3 dobles de la Banda. *GacNum* 127 (1997) pp. 31-32.

568 BÜTTNER, DETLEV and HELMUT REITZ. Rose und welfischer Löwe. Ein Beitrag zur Münzprägung der Grafen von Hallermund. *JNG* 46 (1996) pp. 115-32 illus.

569 CARAVITA, GREGORIO. Un tesoretto dal ghetto di Ravenna. E. Ercolani Cocchi, ed., *Il gruzzolo di via Luca Longhi a Ravenna* (Ravenna, Longo editore 1997) pp. 8-10.

The hoard was found in 1957 and was composed of eight gold coins and approximately 600 silver ones. The author argues that it was a deposit of a Jewish bank in the first half of the 14th century. (A. Carignani)

570 CHARLET, CHRISTIAN. *Documents officiels pour servir à l'étude des monnaies du règne de Louis XV (1715-1774)*. Paris, Florange 1996. 346 pp. illus.

571 CHARLET, CHRISTIAN. *Documents officiels pour servir à l'étude des monnaies du règne de Louis XVI (1774-1792)*. Paris, Florange 1996. 266 pp.

572 CHARLET, CHRISTIAN. *Documents officiels pour servir à l'étude des monnaies du règne de Louis XIV (1689-1715). Le temps de l'instabilité monétaire: réformations, refontes, mutations*. Paris, Florange 1997.

573 CHARLET, CHRISTIAN. *Guide pratique des réformations, refontes et mutations monétaires au temps de Louis XIV et de Louis XV (1685-1726)*. Paris, Florange 1997. cxi + 99 pp. illus.

574 CHARLET, CHRISTIAN. Les prérogatives des Princes souverains de Monaco et la politique monétaire des Colbert (1664-1701). *Annales Monégasques* 21 (1997), pp. 43-94 illus.

575 CHARLET, CHRISTIAN. Double tournois inédit de la Principauté d'Orange frappé en 1636. *BSFN* 52 no. 4 (1997) p. 68; *BSFN* 52 no. 5 (1997) p. 91 illus.

A small horn accompanies the trefoil on the reverse. (Marc Bompaire)

576 CHARLET, CHRISTIAN. Deux pièces d'argent frappées à la monnaie de Tours pendant les premières années du règne de Louis XIV. *BSFN* 52 no. 7 (1997) pp. 159-62 illus.

The coins date to the years 1652-62.

(Marc Bompaire)

577 CIAMPOLTRINI, GUIDO. Un ripostiglio con provisini dal territorio di Lucca (Borgonuovo 1694). *RIN* 98 (1997) pp. 285-90 illus.

The author reconstructs the history of the hoard found at Borgonuovo in 1694. The denari, struck at various mints including Troyes and Provins, probably belonged to a traveler, merchant or Crusader between the 12th century and the beginning of the 13th.

(A. Carignani)

578 CLAIRAND, ARNAUD. *Monnaies de Louis XV. Le temps de la stabilité monétaire 1726-1774*. Paris 1996.

579 CLAIRAND, ARNAUD. L'hôtel des monnaies de Tours (1679-1772). J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 117-48.

The author comments on the activity of the workshop, the extent of jurisdiction of the coinage, and provides a catalogue describing the buildings in 1771 and a catalogue of the coins struck, noting the various collections.

(Marc Bompaire)

580 CLAIRAND, ARNAUD and LAURENT SCHMITT. Un double sol de billon inédit de Troyes au millésime 1739. *BSFN* 52 no. 4 (1997) pp. 63-66 illus.

The coin offers an association of different masters and engraving that corresponds to at least a month of activity and a single issue.

(Marc Bompaire)

581 CLAIRAND, ARNAUD and JENS CHRISTIAN MOESGAARD. Erik af Pommerns danske mønter i Vesteuropa [Danish coins of Erik of Pomerania in Western Europe]. *NNUM* 1 (1998) pp. 2-5 illus. In Danish.

Some recent hoards from France, England, Switzerland and Belgium with coins of Erik of Pomerania are briefly presented.

(Ulla Westermarck)

582 CLUA MERCADAL, M. Análisis de las monedas de Jaime II de Aragón procedentes de las excavaciones del SPAI (Barcelona). *Numisma* 238 (1996) pp. 67-90.

583 COLAERT, MAURICE. L'introduction du cupronickel dans le monnayage belge et ses suites. R.G. Doty and T. Hackens, ed., *Italiam Fato*

Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli (Louvain-la-Neuve 1996) pp. 87-95 illus.

584 CRAFTER, T.C.R. A purse hoard from the Champagne region. *NC* 156 (1996) pp. 301-2 illus.

A metal-detector find of fifteen deniers and one obole, probably deposited in the first quarter of the twelfth-century, is published. (Martin Allen)

585 CRESCENTINI, CLAUDIO. Mostra di monete e medaglie intorno al periodo sistino. Giancarlo Alteri, ed., *Monete e medaglie di Sisto IV*. Catalogo della mostra 1997-98, Biblioteca Apostolica Vaticana (Rome, Edizioni Shakespeare and Co. 1997) pp. 11-14 illus.

586 CRINON, PIERRE. Variété de l'écu d'or à la chaise de Philippe VI de Valois. *BSFN* 52 no. 1 (1997) pp. 13-15 illus.

The coin bears an unusual legend, an initial ringlet and punctuation with three ringlets. (Marc Bompaire)

587 CRINON, PIERRE, MICHEL DHÉNIN and RICHARD PROT. Attribution à Robert, marquis de Neustrie, de monnaies au buste portant les noms de Tours et Chinon et de Tours et Orléans (919-922). *BSFN* 52 no. 6 (1997) pp. 117-22.

This work presents new examples found in Vienne and at Dangé-Saint-Romain which reveal a die link between the two series issued by the same workshop, by the same authority, the future king Robert. (Marc Bompaire)

588 CRINON, PIERRE. Précision sur les tailleurs des royaux d'or de Charles VII (1ère ém.) frappés à Romans et à Montélimar. *BSFN* 52 no. 7 (1997) pp. 150-55 illus.

The author discusses the different workshops used under the Dauphiné from 1419 to 1436 based on documents and coins (die links, punches, etc.). (Marc Bompaire)

589 CRINON, PIERRE. Catalogue des monnaies carolingiennes de Tours du VIIIe s. au début de la féodalité, Xe s. J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 53-87 illus.

The author presents the typology for the period 814-98 and elements of a corpus for the remainder of the period 754-936 with publication of 46 hoards and finds. (Marc Bompaire)

590 CRUMLIN-PEDERSEN, OLE. Vikingeskibsmønter [Viking-Age coins with ships]. *NNUM* 2 (1998) pp. 18-25 illus. Translated into Danish from the author's English text.

The author is an expert on Viking-Age ships. The article is a summary of the author's discussion of pictures of ships on coins from the Viking Age in his recent book *Viking-Age Ships and Shipbuilding in Hedeby/Haithabu and Schleswig* (1997).

(Ulla Westermarck)

591 CRUSAFONT I SABATER, M. Las monedas civiles i eclesiásticas de Montblanc. *Aplec de Treballs* 14 (1996) pp. 79-88.

592 CRUSAFONT I SABATER, M. El Mostassaf, la Rosa y los Ponderales del croat de Barcelona. *Asociación Numismática Sabadell* 36 (1997) pp. 21-23.

593 DANNENBERG, HANS-DIETER. Neuzuweisungen brandenburgischer Denartypen. Drei mittelalterliche Denartypen vermutlich aus der Münzstätte Brehna bei Halle (Saale). *GN* 32 (1997) pp. 333-38 illus.

Four types of late 13th century denarii hitherto attributed to Brandenburg are now reattributed to the counts of Brehna.

(Peter Ilisch)

594 DEPEYROT, G. *Le numéraire carolingien, corpus des monnaies, 2e édition augmentée*. *Moneta* 9 (1998). 384 pp. illus. ISBN 90-74623-14-X.

This is a study of the Carolingian coinage in Europe, with a corpus of the coins.

(Author)

595 DEPEYROT, G. *Le numéraire mérovingien, l'âge de l'or, I, Introduction*. *Moneta* 10 (1998). 200 pp. illus.

Part I of the study of Merovingian coinage contains a general introduction, chronology and analyses.

(Author)

596 DEPEYROT, G. *Le numéraire mérovingien, l'âge de l'or, II, Les ateliers septentrionaux*. *Moneta* 11 (1998). 256 pp. illus.

Part II is a corpus of the coinage of the northern mints, including mints outside France.

(Author)

597 DHÉNIN, MICHEL. Trésor de Boucq (Meurthe-et-Moselle). *La lettre du Cabinet des Médailles* 19 (October 1997) pp. 8-9.

The hoard contained 200 gold coins of France and Spain, ending in 1673.

(Marc Bompaire)

598 DHÉNIN, MICHEL. Trésor de Hannogne-Saint-Rémy (Ardennes). *La lettre du Cabinet des Médailles* 19 (October 1997) pp.9-10.

The hoard contained 351 French and foreign coins of gold (8), silver (82) and billon, ending in 1573. (Marc Bompaire)

599 DHÉNIN MICHEL and PETER WOODHEAD. Deux monnaies attribuables à Boulogne-sur-Mer. *BSFN* 52 no. 1 (1997) pp. 11-12 illus.

The coins date to the 11th century and are issued in the names of Eustachius and Count Baudouin. (Marc Bompaire)

600 DHÉNIN, MICHEL and CLAUDE SILBERSTEIN. Quart d'écu inédit d'Henri IV, frappé à Tours en 1592. *BSFN* 52 no. 6 (1997) pp. 127-28 illus.

The coin bears the royal titlature on both sides. (Marc Bompaire)

601 DHÉNIN, MICHEL and MICHEL HOURLIER. Les monnaies attribuées à Saint-Médard et Saint-Sébastien. D. Defente, ed., *Saint-Médard, trésors d'une abbaye royale* (Soissons 1997) pp. 244-57 illus.

The article presents the typology of Merovingian (1 tremissis), Carolingian and "feudal" issues, with reference to examples and known finds. (Marc Bompaire)

602 ERCOLANI COCCHI EMANUELA. Monete ed economia a Ravenna. Dal periodo longobardo all'inizio della dominazione veneziana. E. Ercolani Cocchi, ed., *Il gruzzolo di via Luca Longhi a Ravenna* (Ravenna, Longo editore 1997) pp. 11-18 illus.

This article summarizes the principal characteristics of the coinage of Ravenna in the Middle Ages. In particular, the author examines the types and chronology of the issues and their circulation in the Po Valley and central Italy. The last part of the article is devoted to the most significant aspects of the economic and mercantile life of the city. (A. Carignani)

603 ESPAÑA, L. La ceca de la Corte en Alfonso de Avila y los antecedentes histórico del símbolo de la estrella en Castilla. *Numisma* 238 (1996) pp. 181-204.

604 ESPAÑA, L. Alfonso IX. Addenda et pro memoria. *GacNum* 127 (1997) pp. 25-29.

605 FONTENLA BALLESTE, S. Acuñaciones numismáticas de los marinos de Pechina. *Numisma* 237 (1996) pp. 307-14.

606 FROCHOSO SANCHEZ, R. Los feluses del período de los gobernadores omeyas el al-Andalus. *Numisma* 237 (1996) pp. 259-89.

607 GALLEGO MORENO, P. El dineral inédito del doble castellano de los Reyes Católicos. *Numisma* 238 (1996) pp. 267-78.

608 GALLOTTINI, ANGELA. Monete e medaglie nelle stampe italiane del Cinquecento. F. Panvini Rosati, ed., *Ricerche sui materiali e studi tipologici. Quaderni di Numismatica Antica* (Rome, Giorgio Bretschneider Editorie 1996) pp. 223-40.

609 GANDOLFO, LUCINA. Le monete (1989-92). Segesta. Parco Archeologico e relazioni preliminari della camapgna di scavo (II). *AnnaliSNSPisa* 25 no. 4 (1995) pp. 1204-60 illus.

The author publishes 296 coins, ranging from pre-Roman to medieval and modern, found in excavations. (A. Carignani)

610 GARNIER, JEAN-PIERRE. Quelques précisions sur un trésor de monnaies du Moyen Age trouvé à Saint-Lô (Manche). *BSFN* 52 no. 3 (1997) pp. 39-40.

This is the Duplessy hoard, no. 331 (terminus 1365-85). (Marc Bompaire)

611 GARNIER, JEAN-PIERRE and M. LÜGER. Un denier inédit de Pépin le Bref pour la cité de Tours. *BSFN* 52 no. 6 (1997) pp. 116-17 illus.

The coin was found at Fontevraud. It bears the monogram PNRX and can be dated to 755-68. (Marc Bompaire)

612 GIROLA, GIUSEPPE. La moneta in Valtellina e Valchiavenna durante il periodo Grigione. *RIN* 98 (1997) pp. 239-83.

The author reconstructs the methods and chronology of coin circulation in Valtellina and Valchiavenna between the 16th and 18th centuries. (A. Carignani)

613 GODIN, J. *L'hôtel des monnaies de Troyes 969-1772*. Mairie de Troyes 1997. 12 pp.

614 GODIN, JACQUES, J. DARBOT, and J. MURARD. Rétrospective sur les saluts d'or d'Henri VI d'Angleterre frappés à Troyes en 1428-1429. *BSFN* 52 no. 2 (1997) pp. 26-32 illus.

Six examples recorded from a limited issue in 1428-29 are classified according to the form of the rosette. (Marc Bompaire)

615 GOLABIEWSKY LANNBY, MONICA. Silverskatten från regalskeppet Kronan [The silver coins from the man-of-war Kronan]. *SNT* 4 (1998) pp. 52-57 illus. In Swedish.

Among the many finds from the rediscovered *Kronan*, sunk in 1676, was a great number of coins, both silver and gold. The author gives a summary of the silver coins.
(Ulla Westermark)

616 GOLFARI, LAMBERTO. *Monedas del Mundo Medieval. Diez Siglos de Historia.* Madrid/Buenos Aires 1994. 215 pp. illus.

617 GORINI, GIOVANNI, IVAN MIRNIK and ELISABETTA CHINO. I falsi del Meneghetti. *Bollettino del Museo Civico di Padova* 79 (Padua 1990) pp. 321-56 illus.

618 GRINDER-HANSEN, KELD. Møntfornyelse *Renovatio monetae* i Danmark fra år 1200 til Christopher's død i 1332 [*Renovatio monetae* in Denmark from 1200 to the death of Christopher II in 1332]. *NNUM* 8 (1997) pp. 130-35 illus. In Danish.

Renovatio monetae was used by the Danish kings from the end of the 11th century. In the light of hoards and written sources the author demonstrates how the system worked.
(Ulla Westermark)

619 GULLBEKK, SVEIN H. *Renovatio monetae* i Norge i middelalderen [*Renovatio monetae* in Norway during the Middle Ages]. *NNÅ* 1992-93 (publ. 1997) pp. 52-87. In Norwegian with English summary.

When king Harald Hardråde (1047-1066) and king Olav Kyrre (1067-1093) had established a national currency, foreign coins almost disappeared from circulation until Norway came under Swedish dominance in 1319. During that period several monetary reforms and re-coinages were carried through. This explains why coins of different standards do not appear in the hoards and why their content is remarkably uniform. Without national silver sources, reminting could provide a new king with the necessary metal for his own coinage.
(Ulla Westermark)

620 HATZ, GERT. Der Stader Taler von Königin Christine aus dem Jahre 1649. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 75-81.

These coins were struck in the name of Queen Christina of Sweden for the duchy of Bremen-Verden.
(Wilhelm Hollstein)

621 HESS, WOLFGANG. Die mittelalterliche Münzprägung. Uta Lindgren, ed., *Europäische Technik im Mittelalter 800 bis 1400. Tradition*

und Innovation (Berlin, Gebrüder Mann Verlag 1996) pp. 137-43 illus. ISBN 3-7861-1748-9.

622 HESS, WOLFGANG. Der Münzschatzfund von Ober-Laudenbach bei Heppenheim an der Bergstraße — Struktur und Funktionen mittelalterlicher Währungsunionen. Winfried Wackerfuß, ed., *Beiträge zur Erforschung des Odenwaldes und seiner Randlandschaften* 6 (Breuberg-Neustadt 1997) pp. 135-72 illus.

A 1971 hoard of 861 silver coins mainly of the electoral monetary union buried after 1488 is described and interpreted in light of the development of currency in the Rhinelands. (Peter Ilisch)

623 HOUILLIER MICHEL. Le transfert temporaire à Tours de la cour de parlement de Paris et de sa Chambre des comptes et Cour des monnaies (1589-1594). J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 109-15.

The author provides a transcription of the royal decrees on the move of the legislature to Tours from February 1589 to March 1594. (Marc Bompaire)

624 IBÁÑEZ ARTICA, M. Tipología de las monedas emitidas por Carlos II "El Malo," rey de Navarra (1347-1387) y circulación monetaria. *Numisma* 238 (1996) pp. 91-122.

625 IBRAHIM, TAWFIQ. Miscelánea de numismática andalusí. *Numisma* 237 (1996) pp. 291-305.

626 ILISCH, PETER. Gelochte Münzen—Indizien eines Schmuckbrauchs? *Rheinisch-westfälische Zeitschrift für Volkskunde* 42 (1997) pp. 251-52.

The author analyzes holes that appear in medieval and modern coins found in Westphalia. (Author)

627 ILISCH, PETER. Zur Datierung der 3-Pfennig-Stücke der Stadt Soest ohne Jahr. *NNb* 47 (1998) pp. 67-68 illus.

Undated 3-pfennig-pieces of the city of Soest can be attributed to the period 1630/1 and 1634/5. (Author)

628 ILISCH, PETER. Ein obskurer Turnose. *NNb* 47 (1998) p. 113 illus.

An anonymous copy of a French gros tournois of Louis le Saint reading LVDOWICVS is published. (Author)

629 JORDAN, REINHOLD. Die Irminsul auf einer Münze aus Haithabu? *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 53-57.

630 KELLER, KARLHEINZ. Sachsen als Rheinbundstaat. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 83-88.

631 KLEIN, ULRICH and ALBERT RAFF. *Die Münzen und Medaillen von Esslingen*. Süddeutsche Münzkataloge 7. Stuttgart, Verlag der Münzen- und Medaillenhandlung 1997. 350 pp. illus. ISBN 3-9802706-6-1.

This is a detailed catalogue of the coins minted in Esslingen/Swabia in the 10th and 11th centuries, the coins counterstamped by the city in the 15th century, plus medals and tokens issued from the 16th through 20th centuries. For the early period, all dies are described and illustrated on 45 plates. (Peter Ilisch)

632 KLOSE, DIETRICH O. A. Das 20 Kreuzer-Stück und sein Umlauf im Bayern des 18. und frühen 19. Jahrhunderts. *JNG* 46 (1996) pp. 141-78.

This is a statistical study on the percentage of 20-kreuzer pieces from 14 Bavarian hoards ending between 1791 and 1821. The author investigates the hoards' composition (minting authorities and the dates of issue) as well as the statistical composition vis-à-vis the different minting authorities. In the case of the Habsburg monarchy, one is able to compare the absolute numbers of coins struck based on written sources with the quantities and different years of issue as represented in the hoards. It is possible to use the hoards to reach conclusions about coin circulation and minting activity. (Author)

633 KLÜSSENDORF, NIKLOT. Das Geldwesen in Hessen-Kassel. Heiner Borggreffe, Vera-Lüpkes and Hans Ottomeyer, eds., *Moritz der Gelehrte. Ein Renaissancefürst in Europa, Begleitpublikation aus Anlaß der Ausstellung Lemgo, Weser-renaissanceMuseum Schloß Brake (19. Okt. 1997-1. Febr. 1998), Kassel, Staatliche Museen Kassel, Orangerie (6. März 1998-31. Mai 1998)* (Eurasburg 1987) pp. 67-69 illus.

The great inflation of 1618 to 1622 is analyzed against the background of the financial situation of Hessen-Kassel. The landgrave and his government were involved in speculation with good coinage and the issue of debased coins. (Author)

634 KOVÁCS, LÁSZLÓ. Die Variante des Denars vom Typ Lancea Regis in einem mährischen Schatzfund. *ActaArchHung* 48 (1996) pp. 197-208.

635 KOVÁCS, LÁSZLÓ. A LANCEA REGIS a király kezében [The Lancea Regis in the Hand of the Kings]. *CommArchHung* 1996 pp. 165-80. German summary.

636 KOVÁCS, LÁSZLÓ. A kora Arpád-kori pénzüjtásró [*Renovatio monetae* in the early Arpadian age in Hungary]. *Századok* 130 (1996) pp. 823-60. English summary.

637 KOVÁCS, LÁSZLÓ. 12. századi anonim denárok [Anonymous denars issued in Hungary in the 12th century]. *Századok* 131 (1997) pp. 75-104. English summary.

638 KÜHN, WALTER. Zum Aufkommen der Brakteatenprägung in Thüringen. Entgegnungen zu Günther Röblitz in *NNb* 7/97. *NNb* 47 no. 12 (1997) pp. 19-21 illus.

639 LAFAURIE, JEAN and JACQUELINE PILET-LEMIÈRE. Réflexions sur les monnaies mérovingiennes de Tours. *BSFN* 52 no. 6 (1997) pp. 112-14 illus.

The authors discuss tremisses of the city dating to 558-561, a tremissis reattributed to St. Maurice, and denarii dated on the basis of hoards. (*Marc Bompaire*)

640 LAGERQVIST, LARS O. A New Norwegian Coin Type from the 13th Century and its Disappearing Act. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 243-47 illus.

641 LEIMUS, IVAR and BRITA MALMER. Stampidentifiering av blyavtrycket från kv. Urmakaren, Sigtuna [Die identification of the lead impression from Urmakaren, Sigtuna]. *NNÅ* 1992-93 (publ. 1997) pp. 12-21 illus. In Swedish with English summary.

The die-impressions on a lead piece found at Sigtuna in 1990 are shown to be identical with a coin from the Estonian Kose hoard. The Kose coin belongs to a Danish chain of Scandinavian Aethelraed and Cnut Imitations. (*Ulla Westermarck*)

642 LEMAIRE, D. L'atelier monétaire de Guise. *BSFN* 52 no. 3 (1997) pp. 41-46 illus

The author publishes known coins from this workshop active from 1419-25 and from 1436-42. (*Marc Bompaire*)

643 MACALUSO, ROSALIA. Le monete. S. Sciuto, ed., *L'Età di Federico II nella Sicilia Centro Meridionale*, Atti delle Giornate di Studio, Gela 1990 (Agrigentum 1991) p. 223 illus.

A glass token of the Fatimid period and two folles of William II (1166-89) were found. (A. Carignani)

644 MAROT, T. Aproximación a la circulación monetaria en la península ibérica y las islas Baleares durante los siglos V y VI. *RevNum* 1997 pp. 157-90.

645 MEHL, MANFRED. Ein Christophsgroschen der Stadt Hannover. *GN* 33 (1998) pp. 73-75 illus.

A hitherto unknown groschen from 1501 from the city of Hannover depicting St. Christopher is published and compared with similar issues from Hildesheim and Brunswick. (Peter Ilisch)

646 MERSON, R. ANTHONY. Une monnaie rare retrouvée: le denier à la tête dite chinonaise ou anépigraphe (PA 212) à attribuer à Nantes, Xe s. *BSFN* 52 no. 6 (1997) pp. 122-23 illus.

647 MERSON, R. ANTONY and PETER WOODHEAD. Deux deniers rares ou inédits de Richard Ier duc de Normandie (942-996). *BSFN* 52 no. 6 (1997) pp. 123-25 illus.

One coin comes from a hoard of Andalusia where it accompanied some dirhems of 951; the other belongs to the end of the 10th century. (Marc Bompaire)

648 MERSON, R. ANTHONY. Fragment d'une trouvaille de guénars tardifs de Charles VI. *BSFN* 52 no. 7 (1997) pp. 157-59 illus.

The seven coins from 1411-19 (Mâcon) come from a dispersed hoard. (Marc Bompaire)

649 METCALF, D.M. Viking-Age numismatics 2. Coinage in the Northern Lands in Merovingian and Carolingian times. *NC* 156 (1996) pp. 399-428.

650 MOESGARD, JENS CHRISTIAN. A hoard from the Blois region and the proto-feudal coinage of Blois, c. 920/40. *NC* 157 (1997) pp. 196-205 illus.

A hitherto unpublished 19th century hoard without recorded find spot contained at least eighteen GDR coins with the KAROLUS monogram, struck in Blois. They are heavily die-linked, and the denier weight standard at about 1.35 gm. indicates a date about 920/40. The issue is likely to be an immobilization in the name of Charles the Simple struck after his death in 923. (Author)

651 MORELLI, ANNA LINA. Il gruzzolo di via Luca Longhi a Ravenna. E. Ercolani Cocchi, ed., *Il gruzzolo di via Luca Longhi a Ravenna* (Rome, Longo editore 1997) pp. 19-41 illus.

The author discusses the composition of the hoard, which dates to the first half of the 15th century. Coins of the principal mints of northern and central Italy are published. (A. Carignani)

652 MORELLI, ANNA LINA. Il gruzzolo di via Luca Longhi a Ravenna. Catalogo. E. Ercolani Cocchi, ed., *Il gruzzolo di via Luca Longhi a Ravenna* (Rome, Longo editore 1997) pp. 43-109 illus.

This is a catalogue of 665 medieval coins from the 13th-15th centuries. (A. Carignani)

653 MORELLI, ANNA LINA. Monete medievali dalle collezioni del Museo Nazionale di Ravenna. E. Ercolani Cocchi, ed., *Il gruzzolo di via Luca Longhi a Ravenna* (Rome, Longo editore 1997) pp. 111-45 illus.

The author publishes 166 medieval coins from the Ravenna collection. (A. Carignani)

654 MOZO MONROV, M. El caballero llamado Alfonso. *Numisma* 238 (1996) pp. 23-54.

655 MURRAY, G. Concejo y Juntas de Hacienda como fuente documental sobre numismática y política monetaria (1512-1768). *Numisma* 238 (1996) pp. 289-308.

656 NOGUERA, J. and X. SANAHUJA. Els menuts de Granollers de 1600 a 1603. *L'Ardit* 10 (1997) pp. 32-39.

657 OCAÑA RODRIGUEZ, E. Tesoro monetario hallado en el casco histórico de Toledo. *Numisma* 238 (1996) pp. 353-404.

658 OVERBECK, BERNHARD H. Geschichtstaler König Ludwigs I. von Bayern-Zitate nach römischen Münzen. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 303-8 illus.

659 PEIXOTO CABRAL, J.M. and D.M. METCALF. *A moeda Sueva - Suevic coinage*. Anexos Nummus 4. Porto, Sociedade Portuguesa de Numismatica 1996. 351 pp.

660 PELLICER I BRU, J. Los "Pesantes" del morisco del Alquilan. *GacNum* 127 (1997) pp. 33-35.

661 PENNESTRÍ, SERAFINA. *L'Università dei Padroni Parolari* in un sigillo del Medagliere Reale. *Centro Studi Piemontesi* 26 no. 1 (March 1997) pp. 79-91.

662 PEREZ SINDREU, F. DE P. El valor del oro según los papeles del Mayordomazgo de la ciudad de Sevilla (1387-1431). *Numisma* 238 (1996) pp. 147-70.

663 PETIT, HENRI. La frappe monétaire du métal de cloche à Dijon, 1791-1794. *Annales de Bourgogne* 68 (1996) pp. 85-88.

664 PETIT, HENRI. Au revers des monnaes de Louis XV à Napoléon III : olivier, laurier et chêne. *BSFN* 52 no. 2 (1997) pp. 32-34.

The official texts describing the coin types show that they often described the olive as a laurel. (Marc Bompaire)

665 PETIT, HENRI. L'atelier monétaire de Saint-Gengoux-le-royal (Saône-et-Loire). *BSFN* 52 no. 5 (1997) pp. 75-77.

Activity was doubtless limited to the months preceding the complaint of 1281 and the closing of the workshop in July. (Marc Bompaire)

666 PHILLIPS, MARCUS. References to the French maille tierce in Italian accounts from 1278. *NC* 155 (1995) pp. 283-88.

667 PILET-LEMIÈRE, JACQUELINE. Monnaies mérovingiennes de Tours. J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 43-51 illus.

The author discusses approximately 100 coins. (Marc Bompaire)

668 POGAČNIK, ALBIN. Novčarstvo akvilejskog patriarha Bertolda V. Andeškog (1218-1251) [Coinage of the Aquilean Patriarch Bertold V of Andechs (1218-1251)]. *1. Medjunarodni numizmatiči kongres u Hrvatskoj: Zbornik radova* (1995) pp. 107-10. English summary.

The author describes the monetary production of Bertold V in his seat of Aquilea, and in the mints of Windischgratz (Slovenj Gradec) and Gutenwert (Otok pri Dobravi). (Charles B. Smith, Jr.)

669 RIPOLLES ALEGRE, P.P. and A. MARTINEZ. El tesoro de Requena: avance preliminar. *Numisma* 238 (1996) pp. 321-42.

670 RÖBLITZ, GÜNTHER. Braunschweigische Kopien von hessischem Groschengeld und zwei Phantasiegroschen des Nicolaus Seeländer. *JNG* 46 (1996) pp. 133-40 illus.

Beginning in 1440, the Dukes of Brunswick imitated groschen from Saxony and Hesse but reduced their intrinsic value. These actually are not considered to be real forgeries, but as a fraud, deliberately intended. Mainly imitated are thirds of groschen with lion's shield and "Two shields"—Groschen from Hesse. The author also discusses forgeries by Seeländer. (Gerd Stumpf)

671 RÖBLITZ, GÜNTHER. Die Teilung der wettinischen Lande von 1382 und das Münzwesen sowie der Währungsverfall bis 1405. *GN* 32 (1997) pp. 339-43 illus.

The author traces the political development of the Wettinian landgraviates and connects it with the subsequent debasement of the silver coinage and the use of secret emission signs between 1382 and 1405. (Peter Ilisch)

672 ROMA VALDES, A. Las reacuñaciones en Castilla y León en el reinado de Alfonso X. *Numisma* 238 (1996) pp. 55-66.

673 ROMA VALDES, A. Punzones en algunas monedas de Enrique IV de Castilla y León. *GacNum* 128 (1998) pp. 13-19.

674 ROMERO MEDINA, R. Disposiciones de Enrique IV para la recuperación monetaria de 1471-1473. Estudio y revisión documental. *Numisma* 238 (1996) pp. 205-28.

675 ROVELLI, ALESSIA. Le monete del castello di Scarlino. Materiali per lo studio della circolazione monetaria nella Toscana meridionale. *AIVN* 43 (1996) pp. 225-54.

The author publishes a catalogue of 90 Roman, medieval and modern coins from various stratigraphic levels of the excavation at Castello di Scarlino (Grosseto). The author also comments on coin circulation in the region. (A. Carignani)

676 SACCOCCI, ANDREA. Monete romane in contesti archeologici medievali in Italia. *NumAntClas* 26 (1997) pp. 385-405 illus.

Throughout the Middle Ages and after the monetary reform of Charlemagne until the 10th and 11th centuries, the presence of gold and silver coinage with high intrinsic

value determined the survival and contemporary use of Roman coinage for small commercial transactions.
(A. Carignani)

677 SAETTI, FRANCO. Il ducato d'oro di Lorenzo de' Medici Signore di Urbino. *RIN* 98 (1997) pp. 229-37 illus.

This coin of Lorenzo, nephew of Lorenzo the Great and father of Catherine (later queen of France), dates to 1516.
(A. Carignani)

678 SAINZ DE VARONA, F.A. and M. DEL MAR BAIXAULI MERINO. Reales de los Reyes Católicos. *Numisma* 238 (1996) pp. 237-66.

679 SAINZ DE VARONA, F.A. and M. DEL MAR BAIXAULI. Monedas de cobre de Felipe II aparacidas en castrojeriz (Burgos). *GacNum* 127 (1997) pp. 37-48.

680 SALAÜN, G. and JENS C. MOESGAARD. Un trésor du XVe s. près de Saint-Martin-de-Boscherville (Seine-Maritime). *BSFN* 52 no. 4 (1997) pp. 59-63.

The hoard contained 48 coins, mostly of Charles de Blois from 1355-56.

(Marc Bompaire)

681 SALAÜN, G. Remarques sur le monnayage de Charles de Blois. *BSFN* 52 no. 5 (1997) pp. 78-82 illus.; no. 7 p. 163.

The author discusses the rapidity of copies of successive royal emissions, presentation of gold coins, and examples of different issues or types of Charles, Duke of Brittany (1341-64).

(Marc Bompaire)

682 SANCHEZ DE ARZA, V. Martin V (1363-1431). *Numisma* 238 (1996) pp. 171-80.

683 SARVAS, PEKKA. Tynnyri kultaa ja nelikollinen lantteja [A barrel of gold and a firkin of copper coins]. *Numismaattinen Aikakauslehti* 2 (1998) pp. 32-37. In Finnish.

The fortress of Sveaborg (Suomenlinna) in Helsinki, founded in 1748, is said to have been built with French subsidies amounting to 90 barrels of gold. The use of this and other similar terms in counting money is discussed.

(T. Talvio)

684 SCHNEIDER, KONRAD. Der Schatz von Bergen-Enkheim (Stadt Frankfurt a.M.). Ein Beitrag zum Geldumlauf des Untermaingebietes

während der Reformationszeit. *Archiv für hessische Geschichte und Altertumskunde Neue Folge* 54 (1996) pp. 1-29 illus.

95 silver coins were buried after 1541/42 in a pot near Frankfurt. The author presents a detailed catalogue and commentary on the hoard comprising mainly small and medium change, among which batzens and half batzens predominate. Saxon schreckenbergers are also present in large number. (Peter Ilisch)

685 SCHNEIDER, KONRAD. Der Goldmünzenfund von Oberlahnstein (Stadt Lahnstein, Rhein-Lahn-Kreis) vom Jahr 1796. *NNb* 46 (1997) pp. 613-16 illus.

In 1796 Austrian soldiers found an early 17th century hoard of gold coins in Lahnstein near the Rhine. It was acquired by the Mainz administration. Of its contents, a Spanish double ducat, an English angelot and a double albertin of the Spanish Netherlands are known. (Peter Ilisch)

686 SCHULZKI, HEINZ-JOACHIM. Numismatica Palatina — Sammlungen pfälzischer Münzen und Medaillen im deutschen Münzhandel. *Mitteilungen des Historischen Vereins der Pfalz* 94 (Speyer, Historischer Verein der Pfalz 1996) pp. 219-31.

687 SIETZ, FRITZ GEORG. Der levantinische Löwentaler "Orient." *NNb* 47 (1998) pp. 53-54 illus.

A Dutch leeuwendaalder 1638 struck by an unidentified mint simply noted as "Orient" for use in the eastern Mediterranean is described. (Peter Ilisch)

688 SIMENSEN, CHRISTIAN J. Norges myntproduksjon i middelalderen [The coin production of Norway in the Middle Ages]. *NNÅ* 1992-93 (publ. 1997) pp. 34-51 illus. In Norwegian with English summary.

The author attempts to estimate the coin production in Norway based on historical documents, on a mathematical model applied to losses of coins in churches and on archaeological finds. The conclusion is drawn that coins were used extensively in the period 1160-1360, whereafter production decreased due to a weak economy, lack of silver and the Black Death. (Ulla Westermarck)

689 SOMBART, STEPHAN and ALAIN TISSIÈRE. *Le trésor de la Rue de Gonzague à Charleville-Mézière*. Charleville-Mézière, Musée de l'Ardenne 1996. 44 pp. illus.

The authors publish 247 coins of gold (23) and silver ending in 1721 and discuss the debasement of the coinage in 1717 at Charleville. (Marc Bompaire)

690 SOMBART, STEPHAN. *Catalogue des monnaies royales françaises de François Ier à Henri IV (1540-1610)*. Paris 1997. 560 pp.

The author catalogues the examples by metal, reign and workshop, with concordances. (Marc Bompaire)

691 SOMBART, STEPHAN. L'atelier monétaire de Tours entre 1540 et 1610. J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 95-108 illus.

The author provides tables of engravers for the periods of activity, a comparison of the quantities struck, etc. (Marc Bompaire)

692 SOÓS, FERENC. *A magyar fémpénzek feliratai és címerei [The inscriptions and coats of arms on Hungarian coins]*. Budapest 1998. 297 pp. illus. English, French and German summaries.

693 STUMPF, GERD. *Der Silberschatz vom Lechfeld. Münzen der Augsburger Währung aus dem Hochmittelalter*. Munich, Staatliche Münzsammlung 1994. 49 pp. illus. ISBN 3-922840-07-8.

A hoard of at least 170 bracteates, mainly from Augsburg, was found, probably in 1993. It was buried ca.1260. (Peter Ilisch)

694 STURM, KLAUS-DIETRICH. Ein Beitrag zur Münzgeschichte Arterns und seiner Umgebung. *Zeitschrift des Vereins für Heimatkunde, Geschichte und Schutz von Artern e.V. Aratoria* 8 (1998) pp. 15-49.

The article discusses in detail the coins and monetary history in the region of Artern in northeast Thuringia and the ancient and medieval coin finds of the region. (Paul Arnold)

695 TALVIO, TUUKKA. Klopo, rossa ja riuna [Coin names in 19th-century Finland]. *Numismaattinen Aikakauslehti* 1 (1998) pp. 4-8 illus. In Finnish.

696 TORRES LAZAR, J. El ordenamiento de Cuenca. *Numisma* 238 (1996) pp. 123-46.

697 TRAVAINI, LUCIA. Medieval Capua–Ancient Massalia: a misattribution rectified. *NC* 156 (1996) pp. 241-42 illus.

698 TRAVAINI, LUCIA. Una maiolica per la storia monetaria italiana del 1495. *NumAntClas* 26 (1997) pp. 407-18 illus.

The ceramic piece, currently in Cambridge, depicts Agostino Barbarigo, doge of Venice, with sacks of denari collected to fund moves against the French king Charles VIII.
(A. Carignani)

699 VANNI, FRANCA MARIA. *Arezzo. S. Donato e le monete. Le monete della zecca aretina nel Museo Statale d'Arte Medievale e Moderna di Arezzo*. Florence, Soprintendenza per i B.A.A.A.S. di Arezzo 1997. 123 pp. illus.

The collection contains 163 pieces dating between the 12th and 14th centuries.
(A. Carignani)

700 VEGA DE LA TORRE, J.R. Sobre hallazgos en Cantabria de monedas acuñadas entre 1073 y 1516. *Numisma* 238 (1996) pp. 9-22.

701 VILARET, J. Un principat desconegut de Ferran II. *L'Ardit* 10 (1997) pp. 29-31.

702 WEILLER, RAYMOND. Ein Münzgewicht aus Schloss Bourscheid. R.G. Doty and T. Hackens, ed., *Italian Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 335-40 illus.

703 WEILLER, RAYMOND. Die Münzen von Trier I, 1-Nachtrag. *Trierer Zeitschrift* 60 (1997) pp. 303-20 illus.

New varieties, better preserved specimens of very rare coins and several new types are published, together with a complement to the list of finds.
(Author)

704 WEILLER, RAYMOND. "2 Kronenthaler mehr, wenn er nicht mehr raucht." Notes du Ministre d'État honoraire Édouard Thilges relatives à la valeur des monnaies, aux prix et aux mesures. *Hémecht* 1998 no. 1 pp. 79-111.

The documents published concern: a) the career of the former Minister of State, b) notes collected by him in his later years on the value of coins, on prices and measures in earlier centuries, mainly in Luxembourg.
(Author)

705 WOLFF, MARIAN. Wissenswertes zur Mühlhäuser Münzgeschichte. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 71-72.

706 WOODHEAD, PETER and ANTONY WILSON. A medieval Sicilian group. *NC* 156 (1996) pp. 306-12 illus.

The authors discuss 658 coins, from the fourth-century B.C. to the seventeenth-century A.D., probably including hoard material found in Sicily. (*Martin Allen*)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, nos. 17, 20, 23, 28

Near and Middle East, no. 420

Eastern Europe and the Balkans, nos. 707, 712

United States, no. 721

Paper Money, nos. 846, 856, 858, 865, 875, 876, 886, 888, 891

Tokens and Jetons, nos. 907, 908, 910, 914, 922, 923.

EASTERN EUROPE AND THE BALKANS

707 AAGAARD, SVEN. Vedrørende dansk efterligning og forfalskning af russiske kopeker 1619-30(?) [Concerning the Danish imitation and counterfeiting of Russian kopeks 1619-30(?)]. *NNÅ* 1992-93 (publ. 1997) pp. 104-15 illus. In Danish with English summary.

A renewed investigation by means of the so-called microscope drawing method reveals that two new groups of dennings, one struck in the name of Christian IV and the other a group of primitive counterfeited kopeks in the names of Russian tsars, are both Danish emissions. The author divides the denning types between two Danish mint masters: Johan Post, Copenhagen, and Albert Dionis, Glückstadt.

(*Ulla Westermarck*)

708 BALCIUS, MIKAS and EUGENIJUS IVANAUSKAS. Die Münzen und Barren des Großfürstentums Litauen von 1387-1495. Teil VII. *MNZ* 27 no 3 (1997) pp. I-VI illus.

709 BOZINOVIC, RADMILO and GORDON ANDREAS SINGER. A large hoard of Serbian dinars from the mid-1380s. *NC* 156 (1996) pp. 313-18.

710 BURTON, AUDREY. Shaibanid coinage: a reassessment. A review of E.A. Davidovich *Korpus zolotykh i serebryanykh monet Sheibanidov, XVI vek*, Moscow, 'Nauka', 1992, pp. 504. *NC* 155 (1995) pp. 313-20.

This is a detailed summary, intended for non-Russian readers, of a work which surveys sixteenth century gold and silver coins of Transoxiana and Khurasan. (*Author*)

711 ČOP, VITOMIR. 5 let slovenskega tolarja [Five years of the Slovenian Tolar]. *Numizmatični vestnik* 24 (1996) pp. 41-54 illus.

The author describes development and issuance of Slovenian coins and paper money since 1990. Illustrated in color are both issues of paper currency and regular and commemorative coins. Also given for coins are projected and actual quantity issued, mint, engraver and date of issue. (Charles B. Smith, Jr.)

712 HRISTOVSKA, KATERINA. A Contribution to the Fourteenth-century Venetian Imitative Coinage Found on the Territory of the Republic of Macedonia. *Macedonian Numismatic Journal* 2 (1996) pp. 139-67. Macedonian summary.

The author discusses 14th century imitations of Venetian coinage occurring primarily in finds in the southeast Balkans, and catalogues examples from finds in the western Republic of Macedonia, at Dobrište, Prilep, Ohrid, Stobi, Kičevo and Skopje. Certain particularly heavy pieces may have been minted for a special occasion, and the possible role of a semi-official mint in Ohrid is examined. (Charles B. Smith, Jr.)

713 IVANAUSKAS, EUGENIJUS. An Emergency coinage of Curlandia and Livonia in 1578-1579. *NNA* 1992-93 (publ. 1997) pp. 98-103 illus.

The early monetary history of Curlandia and Livonia has not been extensively studied to date. The author reviews the circumstances behind the emission of the double denarii from 1578-79. The output was large, but it remains uncertain for what purpose the coins were issued and by whom. (Ulla Westermark)

714 JENSEN, JØRGEN STEEN. A hoard of half-groats from Eastern Poland\Bialorussia (Ukraine) deposited after 1523. *Archeologia i starozytnicy. Studia...Prof. Andrzej Abramowicz [Festschrift to the 70th anniversary of Professor A. Abramowicz, Łódź]* (Łódź 1997) pp. 83-85.

During the second world war a German soldier found a hoard of more than 183 Polish and Lituianian half-groats, deposited after 1523 somewhere in the Eastern borderlands of pre-second world war Poland. The hoard was offered for piecemeal sale in Western Jutland, Denmark, but was rescued due to the diligence of a Danish collector. (Author)

715 JOVANOVIĆ, MIROSLAV. Srpski srednjovekovni novac - V [Serbian medieval coins - 5]. *Dinar* 5 (May 1997) pp. 14-19 illus. English summary.

Illustrated are 16 types and 13 variants of Uroš V (1355-71), one type of Branko Rastislalić, 8 types and 4 variants of Vukašin Mrnjavčević, and 4 types of Despot Jovan Ugleša (plus one joint issue with Vukašin). Notes are also provided on Simeon

Nemanjić, Jovan Uroš Paleolog, and Toma Preljubović, who could have minted coins but of whom no issues are currently known.
(Charles B. Smith, Jr.)

716 NOONAN, THOMAS S. Forging a National Identity: Monetary Politics During the Reign of Vasili I (1389-1425). A.M. Kleimola and G.D. Lenhoff, eds., *Culture and Identity in Muscovy, 1359-1584 / Moskovskaia Rus' (1389-1584): kul'tura i istoricheskoe samosoznanie*. UCLA Slavic Studies N.S. 3 (Moscow 1997) pp. 495-529.

An examination of the silver dengas struck by Vasili I reveals how coinage was used by the Muscovite princes to advance their claims to the title of "Grand Prince of All Rus'" in the face of strong opposition from the khans of the Golden Horde (the nominal suzerain), the grand princes of other lands, and appanage princes within Muscovy.
(Author)

717 POGAČNIK, ALBIN. Srednjeveške kovnice na Slovenskem (4) Kovnica Otok pri Dobravi (Gutenwert) [Medieval mints in Slovenia (4): Otok pri Dobravi mint (Gutenwert)]. *Numizmatični vestnik* 20 (1992) pp. 479-507.

The fourth part of this catalogue of Friesacher mints follows in organization Baumgartner's *Friesacher Grenzlandmünzung*. The author also describes the mint site, and research into its location and production. Archaeologists have located Gutenwert west of Hrvaški (Hrvatski) Brod at the site Otok pri Dobrava.

(Charles B. Smith, Jr.)

718 POGAČNIK, ALBIN. Srednjeveške kovnice na Slovenskem (5) Kovnica Ljubljana (Laibach) [Medieval Mints in Slovenia (5): Ljubljana Mint (Laibach)]. *Numizmatični vestnik* 21 (1993) pp. 515-26.

This last installment of the author's catalogue of Friesacher mints incorporates the results of research by Dr. Alexander Jeločnik into a hoard of Ljubljana coins discovered in 1981 in the Ljubljanica River, which significantly expanded knowledge of issues of this mint. An overview of research into the Ljubljana mint is also given. The catalogue ends with a supplement assigning to the Gutenwert mint certain coins noted as unidentified in Baumgartner's *Blütezeit der Friesacher Pfennige*.

(Charles B. Smith, Jr.)

719 Tropfkopeken. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 89-93.

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

Western and Central Europe, nos. 547, 548, 552

Paper Money, nos. 840, 855, 859, 860, 861, 879, 881, 894

Tokens and Jetons, no. 901.

THE AMERICAS

UNITED STATES

720 CARLOTTO, TONY. *The Copper Coins of Vermont*. Colonial Coin Collectors Club 1998. 218 pp. illus.

The work contains historical detail on the mints and coiners, along with analyses of planchets and key design elements. Fully illustrated variety listings are provided which also include diameter and weight information. All areas of numismatic research touching on the Vermont series are addressed. (Thomas Serfass)

721 GIESEBRECHT, WERNER. Frederick the Great and the United States of America. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 183-94 illus.

722 GILLILAND, CORY. A Mint Director's Full Agenda. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 195-203 illus.

723 KIRCHGEISSNER, JOE. Variety Analysis of Business Strike Trade Dollars. *Gobrecht J* 24 no. 69 (July 1997) pp. 14-17.

Using a 730-coin sample, the author analyzes and classifies the coins into Type I or Type II for both the obverse and reverse. He presents diagnostic attribution points for each type. The sample was taken from major auction house catalogs. Biases and caveats are presented. The author concludes that the rarest trade dollar varieties are 1875 type I/I and 1876 type II/II. (Thomas Serfass)

724 KIRCHGEISSNER, JOE. Variety Analysis of Proof Trade Dollars. *Gobrecht J* 24 no. 70 (November 1997) pp. 10-13.

A sample of 425 proof coins from major auctions houses is analyzed and categorized by Type I or Type II for both the obverse and reverse. Diagnostic information is provided and the results for each combination of types are presented by date for 1873 to 1885. Results are compared to Bowers' recent dollar book. The author cites 1875 and 76 type I/I as being rare and difficult to obtain. (Thomas Serfass)

725 LEVIUS, HAROLD. The *Gaspee* Bonfire of 1772 and its Aftermath. *IBNS* 37 no. 1 (March 1998) pp. 35-42 illus.

The 1772 burning of the British customs schooner *Gaspee* by a group of disaffected Rhode Island colonialists is described and placed in the context of British maritime trade policy and local political unrest of the time. Many prominent names in the American revolution were linked to the *Gaspee* incident or to the commercial activities that the schooner was supposed to be overseeing. The article is illustrated with numerous documents relating to trade and finance. (Joseph E. Boling)

726 MANLEY, RON. A Survey of Half Cent Weights by Date and Planchet Type. *PW* 32 no. 2 (March 15, 1998) pp. 86-89.

The author collects data from a variety of sources and compares his statistical findings with those from Walter Breen's *Half Cent Encyclopedia*. The most surprising finding was the lightweight 1802 half cents. Even the heaviest in the author's sample was below standard. A table summarizes the data with average weight, standard deviation and high and low weights for each date. (Thomas Serfass)

727 PACKARD, MIKE and TOM RINALDO. Attributing 1787 Massachusetts Cents. *C4 Newsletter* 5 no. 4 (Winter 1997) pp. 13-28 illus.

The authors provide a variety and attribution guide for this date. They recommend a reverse first method to limit the more challenging obverse identifications. Not only are the attribution points delineated for each Ryder number, both obverse and reverse, but attribution points the authors feel are diagnostic are labeled as such so that one need not attribute 200 coins before these realizations come from experience. (Thomas Serfass)

728 PASSIC, FRANK. The Albion Bank Scandal. *Num* 111 no. 1 (January 1998) pp. 38-45, 95-97 illus.

This is the "inside" story of the fall of a small national bank which was victimized by fraud and a cover-up by the officials in charge. (Thomas Serfass)

729 PERKINS, W. DAVID. Early Silver Dollar Die Marriages Discovered Since the 1881 Haseltine Type Table—A Detailed Analysis. *JRJ* 11 no. 2 (January 1998) pp. 6-20. illus.

The author catalogues and explains new varieties, new die marriages and some combinations thought to be new which weren't or were misclassified die states. Eight new varieties since Bolender (1950) and 13 since Haseltine (1881) are presented. (Thomas Serfass)

730 PREM, JEFF. The 1818 O108 'Inverted Edge' Bust Half Dollar. *Gobrecht J* 11 no. 2 (January 1998) pp. 26-31 illus.

A series of coins was discovered with partially inverted edge lettered so that half read correctly and half was upside down. The possibility of such an error has been known for some time, but the process was not explored until recently when the Gallery Mint inadvertently recreated this error. The process is described with diagrams. The error is only known for one set of edge dies and so the U.S. Mint very effectively prevented it except for these 1818 coins.
(*Thomas Serfass*)

731 SMITH, CHARLES W. and PHILIP L. MOSSMAN. Cast Counterfeit Coppers in Pre-Federal America. *CNL* 38 no. 1 (serial no. 107, April 1998) pp. 1775-1803 illus.

The authors provide an overview of copper production and counterfeit prevalence, plus a detailed and precise description of the various counterfeiting techniques and the flaws which identify each. Coin casting is presented in all its variety, along with alloy problems, the difference between single coin and serial coin casting. The study collection of 100 coins is identified and presented in a table. Several coins are illustrated and further annotated. X-ray spectroscopy was used and is presented in an appendix.
(*Thomas Serfass*)

732 SNOW, RICHARD E. The Indian Head Cent of 1877. *Num* 111 no. 3 (March 1998) pp. 268-273 illus.

This key issue in the Indian Head series is presented in great detail by the author. Beyond knowledge for its own sake, the author has recently discovered very dangerous counterfeits of this date and intimate knowledge of the genuine coin is the best defense against counterfeits.
(*Thomas Serfass*)

733 TETTENHORST, R. Three New Subvarieties of Half Cents? *PW* 32 no. 2 (March 15, 1998) pp. 64-69.

The author proposes rationale for the lighter weight plain edge 1794-95 half cents. He provides background on currently acknowledged subvarieties. He proposes that the plain edge may have been trial strikes of possible lighter weight standards already agreed upon in Congress which were then sent into the circulation.
(*Thomas Serfass*)

734 WILLIAMS, RAY. New Jersey Coppers, Part 36: Maris 7E. *PW* 32 no. 2 (March 15, 1998) p. 85.

The author provides a description of rarest of N.J. coppers, distinguishes between variety 7 and 8, and provides a condition census.
(*Thomas Serfass*)

735 WINGO, LEONARD. Eye on the Spiked Chin, Part II. *PW* 32 no. 2 (March 15, 1998) pp. 78-84 illus.

The author presents a logical case for explaining the "spiked chin" as an artifact of die repair and re-alignment of the dies. The author provides illustrations and rationales at each step.
(*Thomas Serfass*)

736 WRIGHT, JOHN. A New S-15... or a New Variety? *PW* 32 no. 2 (March 15, 1998) pp. 73-77 illus.

This is a description of Gallery Mint reproduction which was apparently defaced and altered for the purpose of passing it as genuine. Photos of the piece in question and other Gallery Mint pieces are presented.
(*Thomas Serfass*)

For additional references to the numismatics of the United States, see the following abstracts:

Canada, no. 739

Paper Money, nos. 837, 841, 849.

CANADA

737 BRUNK, GREGORY. Purposive Canadian Countermarked Coins & What is Known About Their Issuers. Part I of II. *CNJ* 43 no. 5 (May 1998) pp. 190-196 illus.

The article covers 41 issuers (through O and just into P) with a wide variation in the amount known about each. From a single short sentence to well over 100 words, each entry provides whatever information is known. This listing excludes love tokens or countermarks intended as souvenirs or known only to maker or receiver of the token. The author calls for additional information in anticipation of a major update to his reference work in 1999.
(*Thomas Serfass*)

738 JACOBS, WAYNE L. 1870 and the Great American Silver Expulsion. *CNJ* 43 no. 1 (January/February 1998) pp. 21-33 illus.

Canadian merchants received a huge amount of American silver to pay for supplies and provisions during the Civil War. They did not want paper money and took silver. The decision that this glut was a problem led to a "call in" of American silver at the modest discount of 5%. After the call in, the American silver could only be exchanged or accepted as legal tender at a 20% discount. Tables review the silver purchases and Canadian coin production following withdrawal of American silver.
(*Thomas Serfass*)

739 JACOBS, WAYNE L. Newfoundland and the Outlaw Cents. *CNJ* 43 no. 2 (March 1998) pp. 87-90.

The author discusses the trouble caused by Newfoundland's reversion to colonial status in 1934. Subsequent coinage had to be authorized by British legislation which was not forthcoming in 1937-38, hence the "outlaw status." The necessary legislation was overlooked until 1944. In 1949 Newfoundland joined Canada as the 10th province, permanently ending the controversy.
(Thomas Serfass)

For additional references to the numismatics of Canada, see the following abstracts:

Paper Money, no. 843

Tokens and Jetons, no. 905.

MEXICO, CENTRAL AND SOUTH AMERICA

740 BELTRAN, A. Noteas sobre la circulación monetaria y las piezas de necesidad de Cuba. *Numisma* 238 (1996) pp. 279-88.

741 CASTAN, C. Aportación al estudio de la Casa de la Moneda de Potosí (pleito del Marqués de Escalona, s. XVI). *GacNum* 128 (1998) pp. 21-43.

742 COSTILHES, ALAIN. Brazilian Gold Bars. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 97-108 illus.

743 CROSS LECANDA DE TORRES, ANNA MARIA. Mexicos, sus monedas en su historia. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 109-12 illus.

744 DYM, K.A. Un cuartillo de Felipe IV de la Casa de Potosí. *GacNum* 127 (1997) pp. 49-54.

745 MUÑOZ, MIGUEL L. The Establishment of the Mexico Mint First in America. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 273-78.

For additional references to the numismatics of Mexico, Central and South

America, see the following abstract:
 Paper Money, no. 869.

MEDALS AND DECORATIONS

746 ARNOLD, PAUL. Zwei bisher unbekannte Medaillen entwürfe für Herzog Heinrich zu Sachsen-Merseburg aus dem Jahre 1737. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 5-8 illus.

747 ARNOLD, PAUL. Die Orden und Verdienstmedaillen der sächsischen Staaten. Rede zur Eröffnung der Ausstellung im Albertinum am 10. Oktober 1997. *Dresdner Kunstbl* 42 no. 1 (1998) pp. 21-25.

748 ARNOLD, PAUL. Der Königlich Sächsische Hausorden der Rautekrone. *Dresdner Kunstbl* 42 no. 2 (1998) pp. 63-66 illus.

This highest order was bestowed between 1807 and 1918. (Author)

749 ATTWOOD, PHILIP. A group of drawings by Leonard Wyon. *The Medal* 31 (Autumn 1997) pp. 26-58 illus.

750 BAJCUROVA, KATARINA. Borders of relief: the work of Gabriella Gasparova-Illesova. *The Medal* 31 (Autumn 1997) pp. 105-12 illus.

Gabriella Gasparova-Illesova trained in relief sculpture in Bratislava (1971-1977) and has created small-scale sculpture, reliefs and medals. Her medals and plaques focus on the intimate sphere of 'feminine' experience. (Author)

751 BALDUS, HANS ROLAND. Manchmal haben auch Prägestempel ihr eigenes Schicksal. Zur Medaille 110 Jahre Bayerische Numismatische Gesellschaft von 1991. *JNG* 46 (1996) p. 179-83 illus.

The die for the jubilee medal cut by E. Wankmüller is dated to 1955. For the 1991 issue, the artist removed the old signature and replaced it with the new one. (Gerd Stumpf)

752 BANNICKE, ELKE. Medaillenprägung in der Königlichen Münze Berlin. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 98-110.

753 BANSE, RÜDIGER. Eine Medaille auf Königin Beatrix der Niederlands in der Serie des Internationalen Karlspreises. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 73-74.

754 BERGROTH, TOM C., HARRI HEINILÄ, CHRISTER KARNILA, MATTI LAPPALAINEN, MATTI ORLAMO and JUHA RANTASAARI. *Vapaudenristin ritarikunta [The Order of the Cross of Liberty]*. Porvoo 1997. 304 pp. illus. In Finnish, with Swedish and English summaries.

This is an official history of Finland's Cross of Liberty, founded in 1918.

(T. Talvio)

755 BIRKHOLZ, VOLKMAR and HANS-JÜRGEN ULONSKA. Goethe in nummis—Erfurter Goethe-medaille von 1995 im Kontext historischer Inspiration. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 1-6.

756 BIRKHOLZ, VOLKMAR. Ohne Fleiß kein Preis—die Schulpreismedaille des Goethe-Gymnasiums/Rutheneum Gera. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 35-38.

757 BJELOŠ, NENAD. Prva službena značka u Vojski Jugoslavije—Graničnim jedinicama [The first official badge in the Yugoslav Army—Border units]. *Dinar* 5 (May 1997) p. 45 illus. English summary.

The form of the badge adopted in 1996 is described and illustrated, along with variant proposals.

(Charles B. Smith, Jr.)

758 BJELOŠ, NENAD. Manje poznata odlikovanja FNRJ-SFRJ [Less known decorations of the FPRY-SFRY]. *Dinar* 5 (May 1997) pp. 46-48 illus. English summary.

Two types and three degrees are illustrated of the Order and Medal for Military Service awarded by Yugoslavia from 1952-1990.

(Charles B. Smith, Jr.)

759 BOBLENZ, FRANK. Bemühungen um Prägung eines Lutherporträts in Erfurt bzw. Weimar im Jahre 1817. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 7-12.

760 BORRAS, R. *Siburachs. Medalles*. Barcelona, Ed. mediterrània 1997. 120 pp.

761 BOŠNJAK, TATJANA. Prilog izučavanju prve srpske medalje [Contribution to the study of the first Serbian medal]. *Numizmatičar* 18/19 (1996) pp. 133-38 illus. English summary.

The first Serbian medal was issued by Prince Miloš Obrenović to commemorate his restoration to power on 12 December 1858. The medal is unsigned and its authorship long was unknown, then recently was ascribed to an early Serbian lithographer. New research shows that the dies were prepared by the Viennese medallist Carl Radnitzky (1819-1901).
(Charles B. Smith, Jr.)

762 BOURNE, MARCY LEAVITT. Danuta Solowiej: traces of feeling. *The Medal* 32 (Spring 1998) pp. 105-8.

This review of Danuta Solowiej's work describes her development from her time as a student at the Academy in Warsaw to the present, being a professional artist living and working in London.
(Lorna C. Goldsmith)

763 DETHLEFS, GERD. Die Anfänge der Ereignismedaille. Zur Ikonographie von Krieg und Frieden im Medaillenschaffen. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 19-38.

764 DRÄGER, ULF. Zu den Medaillen auf die Jubiläen der Augsburger Konfession. *Melanchthon und die Universität, Zeitzeugnisse aus den halleschen Sammlungen* (Martin-Luther-Universität Halle Wittenburg) (Halle 1997) pp. 59-66 illus.

The Jubilee was celebrated in 1530.
(Willhelm Hollstein)

765 DRÄGER, ULF. Zum Bild Philipp Melanchthon in der deutschen Medaillenkunst des 20. Jahrhunderts. *Melanchthon und die Universität, Zeiteugen aus den halleschen Sammlungen* (Martin-Luther-Universität Halle Wittenburg) (Halle 1997) pp. 67-74 illus.

766 The El-Hassan b. Talal Award for Academic Excellence Presented to Yarmouk University for the Islamic Numismatic Project. *Yarmouk Numismatic Journal* 9 (1997).

767 DUCHAMP, MICHEL. Médailles et camées: poursuite d'un dialogue. *The Medal* 31 (Autumn 1997) pp. 16-25 illus.

768 DUCHAMP, MICHEL. Numismatique et glyptique: les soeurs de Napoleon, Pistrucci et Mastini. *The Medal* 32 (Spring 1998) pp. 44-50 illus.

A number of corrections and additions have been made to Stefanelli's monumental work on Benedetto Pistrucci since its appearance in 1989. Four cameos are discussed: two by Pistrucci, one by Pistrucci or his daughter, and one reattributed to the Roman engraver Angelo Tommaso Mastini. (Lorna C. Goldsmith)

769 EIMER, CHRISTOPHER. Medals of the Royal Exchange. Ann Saunders, ed., *The Royal Exchange* (London 1997) pp. 349-65 illus.

770 EYRES, PATRICK. Ian Hamilton Finlay: emblems and iconographies, medals and monuments. *The Medal* 31 (Autumn 1997) pp. 73-84 illus.

The international reputation of Ian Hamilton Finlay is focused on his classical sculpture garden at Little Sparta in the Pentland Hills of southern Scotland. This article discusses his medals in the context of the artist-gardener's prolific program of art practice. (Author)

771 GEBHARDT, KARL. Die Bayerische Numismatische Gesellschaft und ihre Medaillen 1881-1981. Nachträge und Ergänzungen 1996. *JNG* 46 (1996) p. 185-87 illus.

The author publishes the medals of Georg Habich (1912) on the 75th anniversary of the Bayerische Numismatische Gesellschaft (1956) and the badge for the 9th South German Numismatic Convention (1974), which was reused as the "Bene merenti" medal from 1976 to 1983. (Gerd Stumpf)

772 GRUND, RAINER. Die Künstlerfamilie Hoeckner — eine Beitrag zur Medaillenkunst in Dresden vom Barock bis zum Klassizismus. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 72-83.

The article discusses the medal production of this family in a period of almost 200 years, especially Johann Wilhelm Hoeckner (1671-1754) and Karl Wilhelm Hoeckner II (1749-1820) and their importance to the medallic art of Dresden. (Author)

773 GRUND, RAINER. Die Medaillen zum XII. Internationalen Numismatischen Kongreß in Berlin 1997. Zwei Neuerwerbungen des Münzkabinetts. *Dresdner Kunstbl* 42 no. 2 (1998) pp. 67-70 illus.

The medal is the work of Wilfried Fitzenreiter and Peter Götz Güttler.

(Paul Arnold)

774 GUNN, CHLOE. A summer weekend. *The Medal* 32 (Spring 1998) pp. 116-17.

775 GUNSTON, IRENE. The 1997 Finnish Symposium of Small Sculpture and Medallistic Art. *The Medal* 32 (Spring 1998) pp. 95-100.

776 HEIDEMANN, MARTIN. Die Arbeit der Gitta-Kastner-Stiftung—Aufgabe, Probleme und Projekte. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 135-39.

777 HELLEGERS, GUSTAAF T.M. On the edge of the second and third dimensions. *The Medal* 32 (Spring 1998) pp. 71-79 illus.

One of the first medals of the Dutch sculptor/medallist Gustaaf T.M. Hellegers was of a sitting pregnant woman, seen from a bird's eye view and a worm's eye view. Via a square medal made for a commission he discovered the possibilities of an added third dimension. (Author)

778 ILIESCU, OCTAVIAN. Une ancienne médaille franco-roumaine (1850). R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 235-38 illus.

779 JAKUBZIK, ULRICH. Ein bisher unbekanntes Zeichen der Wallfahrt zum Heiligen Rock in Trier. *GN* 33 (1998) pp. 83-84.

A Trier pilgrimage badge dated 1713 is published. (Peter Ilisch)

780 JENSEN, JØRGEN STEEN. Eliseus Libaerts-medailleur hos Frederik II af Danmark-Norge og skaber af "Daniel Rantzaus kontrafej" [Elisaeus Libaerts, medallist at the court of Frederik II of Denmark-Norway and the creator of the "medal of Daniel Rantzau"]. *NNÅ* 1992-93 (publ. 1997) pp. 88-97 illus. In Danish with English summary.

The author shows that the medallist known as Eliseus Guldmed is the same as Elisaeus Libaerts of Antwerp, who was active at the court of Copenhagen in 1566-69 and who was probably the creator of the famous enamelled gold medal showing the portrait of Fredrik II and made in commemoration of Rantzau's and Brockenhuus' campaign against Sweden in 1568. (Ulla Westermarck)

781 JENSEN, JØRGEN STEEN. Biograms of the Danish medallists Abraham Nuis (-1598-1608(?)), Jan Petersen (b. 1945), Peter Petersen (1810-92), Johan Post (-1595-1628), Jørgen Preus (-1581-1617). *Weilbach. Dansk Kunstnerleksikon* 4th edition vol. 6 (Copenhagen 1997) pp. 176, 392, 404-5, 456, 481.

782 JENSEN, JØRGEN STEEN. Nikolai Schwabe—eller da Christian IV bragte Europas tekniske kultur til Norden [Nikolai Schwabe—or how Christian IV brought new European technique to the North]. *NNUM* 3 (1998) pp. 40-42 illus. In Danish.

The famous medallist Nikolai Schwabe, who was born at Dresden ca. 1570, became medallist and mint master of the Danish king Christian IV from 1595 to 1628. In this article the author stresses Schwabe's importance for the introduction of struck medals, a novelty at the time.
(Ulla Westermark)

783 JONES, VIVIENNE. Poetry and medals. *The Medal* 32 (Spring 1998) pp. 39-43.

A short overview of the relationship between poetry and coins and medals over the centuries is published. It looks at the link between seventeenth-century political poetry and the medals of that period and discusses the ways twentieth-century poets have used historic medals and contemporary coins as subject matter.
(Author)

784 KAMPF, TOBIAS. Shaping ideas: new evidence on Massimiliano Soldani and the numismatic wax *bozzetto*. *The Medal* 32 (Spring 1998) pp. 23-30 illus.

Investigation of a group of Italian wax models for coins and medals collected by the Victorian medallist Leonard Charles Wyon has brought to light three pieces attributed to Massimiliano Soldani. As well as extending the catalogue of the known *bozzetti* by the artist, they provide a closer insight into his working processes than was possible with the hitherto known material.
(Author)

785 KEILIES, GÜNTER and HANS-JÜRGEN ULONSKA. Medaillen auf die Gloriosa, die Ruhmreiche, im Erfurter Mariendom. *Erfurter Münzblätter* 5 (1997, publ. 1998) pp. 55-60.

786 KIEFER, JÜRGEN. Friedrich Schiller als Erfurter Akademiker — der historische Hintergrund einer Medaillenprägung aus dem Jahre 1891. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 17-22.

787 KLEIN, ULRICH. Württembergische Medaillen. Ein Arbeitsvorhaben im Münzkabinett des Württembergischen Landesmuseums. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 39-50.

The author treats three thematic questions: Herzog Ullrich or Herzog Christoph, the professors' gallery in Tübingen, and the prize list of the royal mint at Stuttgart.
(Paul Arnold)

788 LAUERWALD, PAUL. Medaillenprägungen von 1817-1917 auf Dr. Martin Luther und die Reformation. "*Er fühlt der Zeiten ungeheuren Bruch und fest unklammert er sein Bibelbuch*"—zum Lutherkult im 19. Jahrhundert (Berlin 1996) pp. 68-72.

789 LIKAR, RUDOLF. Medalja za borce mednarodnih brigad v Španiji 1936-1939 [Medal for fighters of the International Brigade in Spain 1936-1939]. *Numizmatični vestnik* 24 (1996) pp. 55-56 illus.

Described and illustrated is a medal issued in 1956 by the Socialist Federal Republic of Yugoslavia for some 600 surviving veterans of the International Brigade.

(Charles B. Smith, Jr.)

790 LOSSE, VERA. Rudolf Bosselt und seine Bedeutung für die Erneuerung der deutschen Medaillenkunst seit der Jahrhundertwende. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 126-34.

791 MARTIN, PETER-HUGO. Wechselbeziehungen zwischen Glyptik und Medaillenkunst (Zusammenfassung). *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 70-71.

792 MATIKKALA, ANTTI. Henri Varennen Mannerheim-mitali [The Mannerheim medal by H. Varenne]. *Numismaattinen Aikakauslehti* 2 (1998) pp. 38-41 illus. In Finnish.

The author has discovered that the very rare plaquette issued in Paris in 1919 was commissioned by Mannerheim's friend Emanuel Nobel, a nephew of Alfred Nobel.

(T. Talvio)

793 MAUÉ, HERMANN. Europäische Ereignismedaillen aus Nürnberg im 17. und 18. Jahrhundert—Venedigs Kampf gegen die Türken. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 51-69.

794 McKEEVER, KENT. Shanghai Medals, a Preliminary Checklist. *JEAN* 5 no. 2 (16, Summer 1998) pp. 16-20.

About forty medals with firm or tentative connections to Shanghai are listed. The author seeks to identify medals issued to non-Chinese for service in and around Shanghai and the Yangtze valley, in all periods. Categories included in this list include: the international concession; the French concession; the Chinese municipality; imperial and republican Chinese decorations; military issues of Britain, Japan, the United States, and Italy; and satirical medals.

(Joseph E. Boling)

795 *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart. Vorträge zum Kolloquium im Schloßmuseum Gotha am 4. Mai 1996.* (Die Kunstmedaille in Deutschland 6.) Dresden, Deutsche Gesellschaft für Medaillenkunst 1997. 143 pp. illus.

796 MELLOR, F.W. United States Presidential awards for lifesaving at sea. *Yorkshire Numismatist* 3 (1997) pp. 119-28 illus.

797 MISELLI, WALTER. Contributo alla classificazione della medaglia di "Sede Vacante della Sacra Romana e Universale Inquisizione." *RIN* 98 (1997) pp. 291-93 illus.

The obverse of this medal bears the legend SEDE VACANTE; the reverse legend reads SACRAE INQUISITIONIS ROMAE. The author proposes that this refers to the see of 1721 or, more likely, 1700. (A. Carignani)

798 MULLALY, TERENCE. Pawel Leski: a major twentieth-century medallist. *The Medal* 32 (Spring 1998) pp. 101-4 illus.

799 MULLALY, TERENCE. Marian Fountain: Life Forms. *The Medal* 32 (Spring 1998) pp. 109-11 illus.

Marian Fountain works in the medallistic form, sculpture and the decorative arts. Her influences are drawn from aboriginal art, fusing it with a sense of the contemporary. (Lorna C. Goldsmith)

800 NORDLINK, ULF and IAN WISÉHN. Charles Lindbergh på medalj [Charles Lindbergh on medals]. *SNT* 4 (1998) pp. 58-62. In Swedish.

Twelve medals are described and illustrated. (Ulla Westermarck)

801 PESCARMONA, DANIELE. Il contributo della zecca di Milano alla formazione del medagliere napoleonico. 1979. *Bonaparte a Verona*. Catalogo della mostra (Venice 1997) pp. 171-75 illus.

The author reconstructs the activity of the artists of the mint of Milan who, under the guidance of such artists as Andrea Appiani, produced various medals based on Napoleonic iconography. (A. Carignani)

802 PICKUP, DAVID. The medals produced for the 1807 York Parliamentary election. *Yorkshire Numismatist* 3 (1997) pp. 113-17.

803 PICKUP, DAVID. Sir William Goscombe John: 'Imbued with the artistic spirit'. *The Medal* 31 (Autumn 1997) pp. 68-72 illus.

The subject was a medallist and sculptor with strong Welsh connections, most of whose medallic work from the 1890s to the 1930s had a Welsh theme, including the 1911 Royal Mint commission for the Prince of Wales Investiture Medal. He designed the 1935 Jubilee medal for George V and Queen Mary. (Author)

804 PITIDIS, THEODORE. The first modern Olympics. *NCirc* 104 (1996) p. 126 illus.

A white metal striking of a prize medal for the Greek Olympic Games held in 1859 is published. (Martin Allen)

805 PRISTER, BORIS. Vojna odlikovanja Republike Slovenije [Military decorations of the Republic of Slovenia]. *Obol* 46 (Nov. 1994) pp. 23-27 illus.

Military medals and decorations instituted since 1991 are described and illustrated. (Charles B. Smith, Jr.)

806 QUIRK, JASON. Papal self-promotion and architecture: the medals of Pope Innocent X. *The Medal* 32 (Spring 1998) pp. 12-22 illus.

Innocent's medals provide a unique way of looking at his architectural agenda, and show clearly that the promotion of the Pamphilij family was his key aim. (Lorna C. Goldsmith)

807 RONG, PETER. *Medaillen und Plaketten der Rheinisch-Westfälischen Technischen Hochschule Aachen*. Aachen (author, Malmedyer Str. 66, D-52066 Aachen) 1998. 161 pp. illus. ISBN3-00-002090-X.

808 SCHAVERIEN, ADELE. Horn, medals and straw; a little known link. *The Medal* 32 (Spring 1998) pp. 31-38 illus.

Horn molds were discovered in the reserve collections at the Victoria and Albert Museum and the British Museum. The use of medallic decoration on various materials is explored, and methods of working horn and straw examined. (Author)

809 SCHULZ, KARL. Die Wiener Secession und die medaille. *The Medal* 31 (Autumn 1997) pp. 59-67 illus.

The medals produced around 1900, the time of the Vienna Secession (a variant of the Art Nouveau style), include works by members of the Secession, foreign medallists, and Viennese sculptors. The renewed interest in the medal in Vienna arose from the Historismus movement of the late nineteenth-century, and some medals show elements of earlier styles. (Marjorie Trusted)

810 SMITH, BRUCE W. The Hsu Shih-chang Medals with Engraved Names (part 3). *JEAN* 4 no. 2 (13, Summer 1997) pp. 9-10.

Smith reports that a fourth plain-edge medal has appeared, bearing the name Dr. G. V. Char. Dr. Char was also on the staff of Peking Union Medical College, further strengthening Smith's original conclusion that the name-engraved pieces are commemoratives of the opening of the college. Dr. Char's career is outlined.

(Joseph E. Boling)

811 SMITH, THURMAN L. Image culture and the spread of Reformation thought through German medallic art. *The Medal* 32 (Spring 1998) pp. 3-11 illus.

The author demonstrates the adaptation of pre-Reformation imagery by Protestants, particularly Lutherans. He discusses German privately issued Reformation medals and the wider production of images disseminating political and religious messages.

(Lorna C. Goldsmith)

812 STAHL, ALAN M. Victor D. Brenner and the American Numismatic Society. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 317-26 illus.

On the basis of unpublished archival sources, the author recounts the history of the six medals Brenner designed for the ANS between 1896 and 1908 and publishes a sketch by Brenner for an unrealized portrait medal of Archer M. Huntington. (Author)

813 STEGUWEIT, WOLFGANG. Gegossene Kleinreliefs von Henri François Brandt (1789-1845) und weiteren Berliner Medailleuren aus dem zweiten Drittel des 19. Jahrhunderts. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 111-25.

814 STODDART, PHYLLIS and KEITH SUGDEN. A Carter Preston archive in Manchester Museum. *The Medal* 32 (Spring 1998) pp. 57-70 illus.

Manchester Museum has an important collection of plaster models for medallic work by the Liverpool-based artist Edward Carter Preston (1894-1965). This article provides an annotated catalogue of the collection: war medals, gallantry awards, seals, badges, and commemorative and prize medals. The alternative designs and early versions illustrate the development of particular artistic concepts and the technical constraints of the medallist.

(Authors)

815 ŠVAJNCER, JANEZ J. Naša odlikovanja za vojno 1991 [Our decorations for the 1991 war]. *Numizmatični vestnik* 24 (1996) pp. 57-69 illus.

Described and illustrated are decorations issued for service in Slovenia's brief war for independence. (Charles B. Smith, Jr.)

816 SWAN, CONRAD. The Howard Linecar Lecture 1995: ars heraldica in metallo. *BNJ* 65 (1995) pp. 194-201 illus.

817 SWEENEY, JAMES. The Legation Medal. *JEAN* 5 no. 2 (16, Summer 1998) pp. 26-30 illus.

Silver medals, struck at The Mint, Birmingham, were distributed by Chinese minister plenipotentiary Li Hung Chang during his tour of Europe and North America in 1896. The medals, in diameters of 29 and 43 mm., and their uses are described.

(Joseph E. Boling)

818 TALVIO, TUUKKA. Marsalkka Mannerheim Miekkaritarikunnan suuren ristin ritarina [Marshal Mannerheim as 'Knight of the Grand Cross' of the Order of the Sword]. *Numismaattinen Aikakauslehti* 1 (1998) pp. 9-12 illus. In Finnish.

This Swedish decoration (not to be confused with the usual grand cross) was conferred on Mannerheim in 1942. With the exception of the cross given to Napoleon III in 1861, this rank had not been awarded since the early 19th century. It also seems to have been the principal prototype of the Mannerheim Cross founded in 1940.

(Author)

819 TEWES, LOTHAR. Die "Kammer-Medaille" der Berliner IHK von 1942. *NNb* 47 (1998) pp. 69-72 illus.

820 THORWIRTH, ANDREAS. Jürgen Ellenberg—ein Medaillengestalter aus Erfurt (3. Fortsetzung). *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 27-34 illus.

821 TURCKHEIM-PEY, SYLVIE DE. La médaille des conférences de l'Asile de Vincennes (com. Saint-Maurice, Seine). *BSFN* 52 no. 1 (1997) pp. 15-16 illus.

This is a gold medal of the Empress Eugenia from 1866. (Marc Bompaire)

822 VAN DER MEER, GAY. Some long lost sketches of Altdorf Academy prize medals. *The Medal* 31 (Autumn 1997) pp. 3-15 illus.

The author discusses four sheets with pen sketches, of a commemorative medal of 1571 concerning the Altdorf Academy near Nuremberg, and of eleven of its emblematic prize medals for the years 1577-1579. They originally belonged to a batch of 19 sheets with similar sketches of 71 medals for the years 1580-1597. The origin and purpose of the sketches are discussed, and they are compared with the medals. (Author)

823 WADDINGTON, RAYMOND B. Commissioning for a society: Alex Shagin's medal for the Sixteenth-Century Studies Conference. *The Medal* 32 (Spring 1998) pp. 80-83 illus.

This essay traces the process of commissioning a medals for an academic society, narrating the difficulties of creating a design without a portrait and gaining the approval of successive committees. (Author)

824 WALLENSTEIN, UTA. Zur Ikonographie der Rückseitengestaltung am Beispiel thüringischer Medaillen des Barock und Klassizismus—Antikenrezeption bei Wermuth, Koch und Helfricht. *Medaillenkunst in Deutschland von der Renaissance bis zur Gegenwart* (Dresden 1997) pp. 72-83.

825 WEHNER, TIBOR. Breadth of vision: the medals of Gabor Gati. *The Medal* 31 (Autumn 1997) pp. 99-104 illus.

The sculptor Gabor Gati, born in Budapest in 1937, has exhibited for over three and a half decades. The medal has a salient role in addition to monumental public sculpture and small-scale works. The work includes one- and two-sided pieces, circular and rectangular forms, independent objects and series, cast and struck medals.

(Author)

826 WEHNER, TIBOR and VIKTORIA L. KOVASZNAI. Border lines: two views on unconventional medals in Budapest. *The Medal* 32 (Spring 1998) pp. 84-94 illus.

An account of Border-lines – the third side of the medal, an exhibition of the work of Hungarian medallists in 1997, is presented. (Martin Allen)

827 WEIL, ALAIN. Introduction aux médailles du sculpteur Henri Bouchard. *The Medal* 32 (Spring 1998) pp. 51-56 illus.

Henri Bouchard was a sculptor who also made medals. His first medal dates to ca. 1914-15. Favourite subjects include historical figures of Burgundy, religious themes, portraits of contemporaries, and wine. (Lorna C. Goldsmith)

828 WHITE, HAZEL. Body parts. *The Medal* 32 (Spring 1998) pp. 112-15 illus.

Hazel White discusses her role as a practitioner and educator. She describes the development of her own work, which ranges from surgically attached jewellery to medals for the British Art Medal Society. (Author)

829 WIECEK, ADAM. Andrew Pitynski: Polish American sculptor and medallist. *The Medal* 31 (Autumn 1997) pp. illus 94-98 illus.

In the 1970s Andrew (in Polish Andrzej) Pitynski emigrated to the U.S.A., after technical studies in Poland, including casting. His first compositions show a strong idealistic approach to Polish history. His more recent works are not limited to historical or current events. (Author)

830 ZANDER, RANDOLPH. The Platovs and their Medals. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 359-66 illus.

For additional references to Medals and Decorations, see the following abstracts:

Western and Central Europe, nos. 608, 631

PRIMITIVE MONEY

831 BREGLIA PULCI DORIA, LUISA. Falce di Demetra, falce per Demetra. Nicola F. Parise, ed., *Bernhard Laum. Origine della moneta e teoria del sacrificio*. Atti dell'incontro di studio, Roma 1995 (Rome, Istituto Italiano di Numismatica) pp. 43-69.

The author comments on the scythe (drepanon), symbol of Artemis-Demeter, included in the premonetary objects in the model proposed by Laum on the religious matrix of coinage. (A. Carignani)

832 GROTTANELLI, CRISTIANO. Qualche osservazione su Laum. Nicola F. Parise, ed., *Bernhard Laum. Origine della moneta e teoria del sacrificio*. Atti dell'incontro di studio, Roma 1995 (Rome, Istituto Italiano di Numismatica) pp. 121-24.

833 PARISE, NICOLA F. "Segni premonetari," strumenti del sacrificio. Per una discussione sulle origini religiose del denaro. Nicola F. Parise, ed.,

Bernhard Laum. Origine della moneta e teoria del sacrificio. Atti dell'incontro di studio, Roma 1995 (Rome, Istituto Italiano di Numismatica) pp. 3-5.

834 ROCCHI, MARIA. Monete di Tenedos: la doppia ascia di Tennes e dei granchi dell'isola. Nicola F. Parise, ed., *Bernhard Laum. Origine della moneta e teoria del sacrificio. Atti dell'incontro di studio, Roma 1995 (Rome, Istituto Italiano di Numismatica) pp. 93-110.*

835 SOVERINI, LUCA. Qualità e prezzi delle vittime sacrificali. Nicola F. Parise, ed., *Bernhard Laum. Origine della moneta e teoria del sacrificio. Atti dell'incontro di studio, Roma 1995 (Rome, Istituto Italiano di Numismatica) pp. 111-19.*

The author discusses economic and commercial implications of *dokimasia*, i.e. the criteria for the selection of sacrificial victims. (A. Carignani)

For additional references to Primitive Money, see the following abstract: Greek, no. 185.

PAPER MONEY

836 BERTSCH, WOLFGANG. Security Devices on Early Tibetan Banknotes. *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 22-30 illus.

Incomplete characters and defective design elements are suggested as security features (analogous to secret marks) in Tibetan 1912-13 10 tam and 50 tam notes. The author notes that the defects are not consistent, but that they could have been used as anticounterfeiting devices if the printers had kept track of the serial numbers of the notes upon which the defects appeared. He lists the serials of many observed notes with each type of defect. (Joseph E. Boling)

837 BROCK, ERIC J. The Hamilton & Company Advertising "Bank Note." *IBNS* 37 no. 1 (March 1998) pp. 31-34 illus.

A unique example of a store advertising note from Shreveport, Louisiana, is described. The note closely resembles the \$1 United States legal tender note of 1862, although the counters are numerals "5" which represent the store's address and the extent to which \$5 would stretch if you shopped there. The store's history and the lives of several members of the Hamilton family are also presented. (Joseph E. Boling)

838 CHALMERS, ROBERT. A History of Currency in the British Colonies: Hong Kong. *JEAN* 4 no. 2 (13, Summer 1997) pp. 41-50. [reprint of the Hong Kong chapter of Chalmers' 1893 book of the same title]

A detailed account of the 19th century introduction into Hong Kong of successive coinages and paper currencies is presented. (Joseph E. Boling)

839 CHALMERS, ROBERT. A History of Currency in the British Colonies: Straits Settlements. *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 51-58. [presumed to be a reprint of the Straits chapter of Chalmers' 1893 book of the same title, parallel to the preceding article]

The turn-of-the-century currencies circulating in the Straits Settlements are described, outlining the problems arising from having multiple monetary systems in use concurrently and the stability created by the introduction of, first, Hong Kong coinage, and later Straits coinage. (Joseph E. Boling)

840 DOBRINIĆ, JULIJAN. Riječki bonovi u razdoblju 1848-1853 [Rijeka Scrip in the 1848-1853 Period]. *I. Medjunarodni numizmatički kongres u Hrvatskoj: Zbrnik radova* (1996) pp. 19-25 illus. English summary.

The author provides a catalogue of notes issued by the city of Rijeka (Fiume) to alleviate shortages of small change. Included are several previously unpublished types. Three issues of the notes are known, beginning in 1848. Some 200,000 notes were placed in circulation, with a total value of 16,500 florins. They were ordered withdrawn in 1853. (Charles B. Smith, Jr.)

841 DODDS, WILLIAM. Colonial and Revolutionary War Paper Money. *IBNS* 36 no. 4 (December 1997) pp. 8-16 illus.

The several paper emissions of the North American colonies and subsequent central and state governments of the United States are described in moderate detail. (Joseph E. Boling)

842 DYER, G.P. Gold and the Goschen pound note. *BNJ* 65 (1995) pp. 185-93.

843 FISHER, JACK H. Dominion of Canada Notes of 1900 and 1902 Intrigue Canadians and Americans. *IBNS* 36 no. 4 (December 1997) pp. 17-20 illus.

The \$4 notes showing the locks at Sault Sainte Marie (the U.S. side in 1900, corrected to the Canadian side in 1902) are described in detail, with biographical information about the individuals whose portraits appear on the notes, the Earl and Countess of Minto. (Joseph E. Boling)

844 FISHER, JACK H. Bahrain and the First Notes Issued by the Bahrain Currency Board. *IBNS* 37 no. 1 (March 1998) pp. 24-28 illus.

A brief description of the banknotes of Bahrain is sandwiched between more lengthy descriptions of the archipelago, its history and economy, and its banking practices.
(Joseph E. Boling)

845 FUKUNAGA YOSHIO. *Catalog of Banknote & Postage Stamp Museum*. Tokyo, Finance Ministry Printing Bureau Memorial Museum 1997. 112 pp. illus. In parallel Japanese and English.

This sumptuous catalogue presents: a history of Japanese paper money, with emphasis on the Meiji and later emissions; a similar history of postage stamp production; illustrations of security features of Japanese and foreign notes; selections of "interesting notes" and stamps (presumably from the museum's holdings); a description of security printing technologies; three pages of Japanese domestic bonds; postal stationery and passports; official publications printed by the bureau; a history of the bureau and its production capabilities; and other selections of material and technologies related to the museum, the bureau, and modern printing methods.

(Joseph E. Boling)

846 *Gefangenengeld Kriegsgefangenenlager Langensalza 1914-1918*. Schriftenreihe zur Geschichte und Kultur Bad Langensalza 4. Langensalza, Fachgruppe Numismatik Bad Langensalza 1997. 26 pp.

847 GEORGE, BOLA and TUMENA CORRAH. The Gambia: A New Era Marked by New Money. *IBNS* 37 no. 1 (March 1998) pp. 8-9 illus.

The transition from using banknotes bearing portraits of heads of state to using portraits of common citizens is illustrated with examples from recent emissions. Additional information about other design elements is also provided.

(Joseph E. Boling)

848 HANON, J.V. *Bank Notes of Zaïre—Zaire Paper Money Issues 1961-1996*. Brussels, by the author 1997 (published Xerographically). 63 pp. illus.

Note issues of the post-colonial government are illustrated near life size with a minimum of additional information, including dates, printers, signatories, and sketchy biographies of the three rulers whose portraits appear on the notes. One note illustration is repeated (and the correct one omitted) and there is no explanation of the transitions between monetary standards.

(Joseph E. Boling)

849 HEBERT, RAYMOND J. The July 2, 1780 Emission of Rhode Island Bills of Credit. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi*.

Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli (Louvain-la-Neuve 1996) pp. 205-16 illus.

850 HSU YIH-TZONG. *Banknotes of the Four National Banks of China 1912-1949*. Taipei, by the author 1994. 260 pp. illus. In Chinese. ISBN 957-97076-5-0.

The four "national" banks are the Central Bank of China, the Bank of China, the Bank of Communications, and the Farmers Bank of China. The complete emissions of these banks are presented in detail, including signature, printer, and serial number format varieties and cities of issue. All notes are illustrated at 50% in color with values in three grades in U.S. dollars (about double the Pick values). Many scarce to very rare pieces are shown, as well as the series of circulating checks of the four banks that were used after WWII. (Joseph E. Boling)

851 HSU YIH-TZONG. *Banknotes of the Taiwan Bank and Province Banks of R.O.C.* Taipei, by the author 1995. 336 pp. illus. In Chinese. ISBN 957-97104-8-1.

Following an extensive listing of the post-war Bank of Taiwan notes (including many illustrations of secret marks not previously published), the book continues with non-Communist issues of the provincial banks of the republican period. In this volume many listings are not supported by illustrations, but many rare pieces are shown. All illustrations are at 50% in full color. No rarity codes or values are provided. The Japanese Bank of Taiwan is not included. (Joseph E. Boling)

852 HSU YIH-TZONG. *Banknotes of the Ching Dynasty (1853-1911)*. Taipei, by the author 1997. 168 pp. illus. In Chinese. ISBN 957-97211-0-6.

Ch'ing Dynasty "cash" notes and scores of notes of quasi-central and provincial banks are illustrated with minimal supporting information, but including value ranges in U.S. dollars. Illustrations are generally life size with sufficient resolution to read the imprints on the notes; where multiple denominations in a similar design exist, tables or smaller illustrations are used to provide that data. All illustrations are in high-quality color. Many very rare pieces are presented. (Joseph E. Boling)

853 HSU YIH-TZONG. *TOP Zhong Guo Zhi Bi [Top Chinese Banknotes]*. Taipei, by the author 1997. 180 pp. illus. In Chinese. ISBN 957-97240-7-5.

Rarities in Chinese banknotes are presented—high denominations, errors, unissued designs, specimens, commemorative overprints, proof impressions, unusual serial numbers, uncut sheets, autographed notes, and simply rare pieces are illustrated in color. All periods and issuers are included (though the coverage of Qing, Communist, and Japanese issues is light). (Joseph E. Boling)

854 JHUNJHUNWALLA, KISHORE. *Indian Paper Money Since 1950*. Mumbai, by the author 1997. 74 pp. illus.

Indian notes since the declaration of the republic are presented, divided by denomination, design type, signature, and super-block (the large letter printed in the design that changed when the serial number prefixes were exhausted and re-initiated). Rarity indicators are given for each minor variety, which show that there are some surprisingly rare notes in the modern Indian series. There are also some very obscure linguistic varieties that have not been widely published (these result from the use of up to fifteen regional languages on the notes). Distinctive issues for the Persian Gulf (where Indian currency was legal tender as late as 1968) and *haj* pilgrims are included.
(Joseph E. Boling)

855 KLAUS, LADISLAV. Forger's Heyday. *IBNS* 37 no. 1 (Mar 1998) pp. 13-14 illus.

The introduction of new currency in the Czech Republic gave counterfeiters an opportunity to introduce forgeries of notes that the public was not familiar with. The features of the replicas are described, along with the steps taken to improve the security of the 1000 korun notes of the most recent emission.
(Joseph E. Boling)

856 KLÜSSENDORF, NIKLOT. Die Kassenscheinschuld des Departements Fulda. Zur Finanzgeschichte des Großherzogtums Frankfurt. Walter Heinemeyer, ed., *Hundert Jahre Historische Kommission für Hessen 1897-1997, Festgabe, dargebracht von Autorinnen und Autoren der Historischen Kommission* vol. 2 (Marburg, N. G. Elwert 1997) pp. 731-49 illus.

In 1812, the administration of Fulda issued interest-bearing notes at 10 and 40 fl. which circulated as money. These obligations were paid after the dissolution of the grand-duchy of Frankfurt by Bavaria, Hesse, Saxe-Weimar-Eisenach, and Prussia.
(Author)

857 *Kosatsu Ruien [Obsolete Currency Selections]*. Kyoto, Japan Obsolete Currency Association 1995. vi+49 pp. illus.

This is the festschrift for the third anniversary meeting of the association. Forty-eight significant notes (mostly pre-Meiji, and all of pre-Meiji style) from members' collections are illustrated and identified.
(Joseph E. Boling)

858 KÖRNER, GUSTAV. Faustmotive auf Notgeldscheinen. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 59-70.

859 KOUTSOBOIS, IOANNIS. Greek Bank Notes 1978-1996. *IBNS* 37 no. 1 (March 1998) pp. 15-19 illus.

Seven notes that circulated during the cited period are described in detail, including both the artistic elements and the security features. (Joseph E. Boling)

860 KRASNOV, GJURO. Kuna kao hrvatski novac [The Kuna as Croatian Money]. *Obol* 46 (Nov. 1994) pp. 8-9 illus.

The use of the name "kuna" (marten) for currency is described and illustrated, from the medieval denars of the Banate of Slavonia through the "Independent State of Croatia" of World War II and Partisan debt certificates, to present Croatia.

(Charles B. Smith, Jr.)

861 KRESE, SREČKO. Zbiranje papirnatega denarja [Collecting paper money]. *Numizmatični vestnik* 24 (1996) pp. 25-39 illus. German summary.

The author outlines considerations in collecting paper money, describing and illustrating in color examples relevant to Slovenia, beginning with the first obligation-note issued for the Duchy of Carniola in 1767 and including three examples of notes issued by the city of Ljubljana to answer the small change shortage of 1848-49.

(Charles B. Smith, Jr.)

862 MA CHUAN-DE, ed. *Currencies in Old Shanghai*. Shanghai, Shanghai People's Fine Arts Publishing House 1998. vi+189+v pp. illus. ISBN 7-5322-1774-4/J. Bilingual in Chinese and English.

A short presentation on coins used in Shanghai (including several struck by local merchants) is followed by listings of hundreds of banknotes issued or prepared for issue in Shanghai. Many are from the Shanghai branches of banks established elsewhere. Many extremely rare pieces are presented, almost all in color. Twenty pages of local scrip listings are followed by four pages of local tokens. No values are given.

(Joseph E. Boling)

863 MA TAK WO. *Illustrated Catalogue of Hong Kong Currency (4th ed)*. Hong Kong, Taisei Coins (HK) Ltd. (no date [1997]). 96 pp. illus.

Colonial period coins, including British trade dollars, government notes, chartered bank notes, Japanese occupation notes, and some quite rare notes of private banks with Hong Kong branches are listed. The transitional notes of the Bank of China are included. Each issue date and some other varieties are listed and valued individually. Mainland branch issues of the chartered banks are omitted.

(Joseph E. Boling)

864 MARSTEN, F[rancis] E[dward]. Buddha's Legacy to the Twentieth Century. *JEAN* 4 no. 2 (13, Summer 1997) pp. 17-23. Reprinted from *The Banker's Magazine* 62 no. 6 (June 1901).

An account of the discovery of a hoard of Ming notes during the Boxer Rebellion, and a summary of other uses of paper money in medieval China, are presented. Coole labeled the account fictional, which casts doubt on some of the other matters reported [the abstractor notes an apparent erroneous conclusion that the Ming notes were printed from movable type].
(Joseph E. Boling)

865 MENZEL, RUTH. *Kriegsnotgeld der Stadt Erfurt von 1918. Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 23-26.

866 MIYAKOSHI OSAMU. *Etchu Satsu Zufu (kaitei) [Etchu Notes Illustrated (rev. ed.)]*. Toyama City, Toyama Numismatic Research Society 1996. 453 pp. illus. In Japanese.

Hundreds of notes of the region known as Etchu Province before the Meiji restoration (now Toyama prefecture) are illustrated and described. A great many of these notes are handwritten; even with a book of this depth attribution may be difficult.
(Joseph E. Boling)

867 MONTEIRO, ANTÓNIO. The Paper Money Museum of the Dr. António Cupertino de Miranda Foundation (Oporto, Portugal). *IBNS* 37 no. 1 (March 1998) pp. 29-31 illus.

The museum, which contains thousands of fiduciary documents, including a complete collection of notes of the Banco de Portugal and the Banco Nacional Ultramarino, is described. Other activities of the foundation, such as the 1st National Paper Money Congress held in 1997, are also covered.
(Joseph E. Boling)

868 OVERHOLT, LIN. *1998 Standard Catalog of International Credit Cards (5th ed.)*. Madeira Beach, Florida, USA, by the author 1997. 113 pp.

Thousands of credit cards from hundreds of issuers are described briefly, with values provided for pieces in two conditions. The U.S. listings take over 90 pages; an additional twelve pages cover issues of over thirty other countries. Four pages of glossary provide the principal information about credit cards as collectibles.
(Joseph E. Boling)

869 PAATELA, HANNU. *Personalities on Mexican Bank Notes (1853-1920)*. *IBNS* 37 no. 1 (March 1998) pp. 10-13 illus.

Careers of prominent Mexicans of the cited period who appeared on banknotes are outlined; the notes are illustrated, in many cases with additional documents bearing the autographs of the individuals. [This article is drawn from Paatela's award-winning exhibit of Mexican banknotes and autographs.]
(Joseph E. Boling)

870 PFEIFER, DON [misspelled Pfeifer]. South Korean Currency: Pick #27 and the Third Currency Reform. *JEAN* 4 no. 2 (13, Summer 1997) pp. 5-7.

The putative bases for the third monetary reform (10 June 1962) are presented, with special attention to the "mother and son" note that had a life of less than a month. The author concludes that the reform was a mistake that stunted the development of Korea's economy. (Joseph E. Boling)

871 PFEIFER, DON. The First Currency Reform of the Republic of Korea. *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 5-12.

The circumstances of the immediate post-war currency emissions and the 1950 currency reform, conducted under combat conditions, are described. The information about the "false 48A" 100 won notes (block 48A of Pick 46, many of which were captured and circulated by the communists) is published here for the first time in a numismatic work. (Joseph E. Boling)

872 PFEIFER, DON. The Second Currency Reform of the Republic of Korea. *JEAN* 5 no. 2 (16, Summer 1998) pp. 5-8.

The reasons for and effects of the 1953 currency reform are described. In addition to contracting the currency supply, this reform served as a tax collection vehicle. The notes introduced at this reform were the "turtle boat" notes, printed in the U.S. (Joseph E. Boling)

873 RAEBURN, G. DUNCAN. Chinese Soviet Coins and Notes. *JEAN* 4 no. 2 (13, Summer 1997) pp. 51-60. [reprint of an article in *The China Journal* 26 no. 3, March 1937]

Twenty-nine examples of coins and notes from five Chinese provinces under Communist government during the 1930s are described in some detail. Many are illustrated. (Joseph E. Boling)

874 RAZZAQ, NAHID ABDUL. Usage of Banknotes. *Yarmouk Numismatic Journal* 9 (1997). In Arabic.

875 REINAL BOIX, J. Los billetes del Banco de España en Bilbao. *GacNum* 128 (1998) pp. 45-54.

876 REINAL BOIX, J. Los billetes de Ultramar. *GacNum* 127 (1997) pp. 55-62.

877 RODGERS, K.A. *Fiji's World War II Currencies: the Official Records—Part III.* *IBNS* 36 no. 4 (December 1997) pp. 20-26 illus. [parts I and II appeared in *IBNS* 36 no. 2 and 36 no. 3]

The tribulations of the currency commissioners through 1944-45 and after the war as late as 1953 are recounted, with emphasis on coinage supply problems and accounting for the overprinted New Zealand banknotes that had been issued during the war years. This concluding part includes a detailed chronology and extensive tables of coin and currency issues replete with data. (Joseph E. Boling)

878 SINGH, SARAN. *Malaya and Sarawak Rubber Export Coupons: 1922-1942.* Kuala Lumpur, Malaysia Numismatic Society 1990. iii+39 pp. illus.

During the period between the world wars, rubber supply from southeast Asia exceeded world demand, resulting in prices too low to sustain production. To regulate the amount of rubber brought to market, and thus support prices, controls were applied in the form of export quotas, restrictions on acquisition of chemicals needed to process raw rubber sap, and restrictions on planting of new rubber trees. The physical manifestations of these rationing arrangements were bearer coupons that had to be presented in order to perform the activities mentioned. All such coupons are listed in this book, including those created at the "national" level (by the colonial government) and those created at the province or state level. (Joseph E. Boling)

879 SLUSZKIEWICZ, TOMASZ. *The Bank of Camp IID* (Gross Born, Poland). *IBNS* 36 no. 4 (December 1997) pp. 36-37 illus.

Notes prepared by WWII POWs in the named camp are described, along with a summary of the banking services provided to prisoners by their own "in-camp" bank. (Joseph E. Boling)

880 SMITH, WARD D. [and BRUCE W. SMITH]. *Supplement to Chinese Banknotes.* *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 13-21.

This is the first of a proposed series to publish the index cards compiled by Ward Smith listing banknotes not reported in his first edition (with Brian Matravers). The listings are published as transcribed from Ward Smith's cards, with additional commentary by Bruce Smith. Listings include newly reported issuers, variations in titles of previously listed issuers, newly discovered emissions from previously listed issuers, and confirmations of notes previously listed as "reported." (Joseph E. Boling)

881 STOJANOVI, ELJKO. *Paper Money of Serbia and Yugoslavia [1876-1996].* Belgrade, by the author 1996. 272 pp. illus. Trilingual in Serbian, English and German. ISBN 86-901793-1-3.

This is an extension of the author's 1994 work on the same subject (adding almost sixty years to the scope of the work). Short essays on the monetary and economic histories of Serbia and Yugoslavia are followed by a catalogue of note issues of Serbia, Yugoslavia, and four post-Yugoslavia republics. Considerable additional information about each note is appended following each listing (such as designer, design origin, place of production, dates of circulation, reasons for scarcity, underlying laws/ordinances, and much more). *(Joseph E. Boling)*

882 SYMES, PETER. The Bank Notes of Biafra. *IBNS* 36 no. 4 (December 1997) pp. 27-35.

A summary of the political events leading to the secession of Biafra from Nigeria is followed by a history of the bank of Biafra and its struggles to generate foreign exchange that could be used to support the new nation. When Nigeria announced the impending repudiation of its notes held by Biafrans, the bank had to quickly issue Biafran notes to exchange for the Nigerian currency so that the latter could be moved back into Nigeria or overseas to be exchanged. The resulting first series of notes, of marginal quality, was replaced a year later by well-printed notes, the origin of which has never been publicized. Symes analyzes the observed serial blocks to estimate the issue amounts of each series. *(Joseph E. Boling)*

883 SYMES, PETER. The Ballindalloch Note Issues of 1830. *IBNS* 36 no. 4 (December 1997) pp. 43-47 illus.

The early 1830 private note issues of the Scottish Ballindalloch Cotton Works are described. Several suggestions are advanced about why the pieces take the form of checks with limited validity dates rather than as banknotes with indefinite validity. The article ends with biographical information about individuals associated with the notes. The son of one (James Gilfillan) was subsequently (1877-83) a treasurer of the United States. *(Joseph E. Boling)*

884 SYMES, PETER, MURRAY HANEWICH and KEITH STREET. *The Bank Notes of Yemen*. Canberra, by the authors 1997. 155 pp. illus. ISBN 0-646-30063-6.

The note issues of north Yemen, south Yemen, and unified Yemen (which generalized names cover the emissions of at least eight political entities through four issuing authorities) are presented in detail. Varieties of signatures, watermarks, and fluorescent security markings are described, and all design elements are identified and their significance described. Serial number ranges and replacement note serial prefixes are included. A 1997 valuation guide is tipped in. *(Joseph E. Boling)*

885 SYMES, PETER. James Alexander Stewart Mackenzie—Portrait of a private note issuer. *IBNS* 37 no. 1 (March 1998) pp. 20-24.

Although he owned substantial estates and held a series of important colonial posts, Stewart Mackenzie seems not to have been able to make a success of much in his life. At one point he issued notes from his estates in Scotland, which also failed to bail out that enterprise. This article gives a lengthy description of his career and non-accomplishments.

(Joseph E. Boling)

886 THIER, BERND. Ein unbekannter "Wechsel(not)geldschein" aus den Jahren 1946/1948. *NNb* 47 (1998) pp. 109-10 illus.

Post-war shortage of metal coinage in Germany led to the issuing of local, mostly rather primitive, substitute money, of which a sample of 73 pfennigs is published.

(Peter Ilisch)

887 TIFFNER, HOWARD C. *Mellone's Photo Encyclopedia of Souvenir Cards*. Stewartsville, New Jersey, USA, F.D.C. Publishing Co. 1997. 104 pp. illus.

Intaglio souvenir cards produced by the principal U.S. government and private security printers, and by the United Nations, are listed with values for mint and cancelled varieties. Each piece is illustrated (generally six to a page, so the illustrations are fairly small). Forerunner, duck, and U.S. Postal Service cards are included, as well as the several sets of the American Bank Note Company "Archive Series." The Souvenir Card Collectors Society numbering system is used.

(Joseph E. Boling)

888 TORTELLA, T. *Los primeros billetes españoles. Las "cédulas" del Banco de España (1782-1829)*. Madrid, Banco de España 1997.

889 TURRO, A. Els curiosos vals "Te dobo" de Lleida. *L'Ardit* 10 (1997) pp. 40-42.

890 UEMURA TAKASHI. *Osatsu to Kitte no Hanashi: Ginko -ken, Yubin Kitte no Dekiru Made (Shinteiban) [Note and Stamp Stories: How Banknotes and Stamps are Made (newly revised ed.)]*. Tokyo, Friends of the Printing Bureau 1994. 80 pp. illus. In Japanese.

Twenty-one articles discuss and illustrate all aspects of security printing, using both Japanese and foreign notes and stamps as examples. Numerous color microphotographs make the illustrations very easy to understand.

(Joseph E. Boling)

891 VÖLKER, STEFAN. Die Großherzoglich Hessischen Grundrentscheine. Papiergeld und Papiergeldfälschung im 19. Jahrhundert am Beispiel der amerikanischen Falsifikate. *GN* 33 (1998) pp. 76-82 illus.

In 1848 Hesse-Darmstadt issued bills of 1, 5 and ten gulden. These were also forged in Philadelphia (U.S.A.) in 1863 where they were sold to German immigrants. In 1864 Hesse-Darmstadt recalled these issues and printed new paper money.

(Peter Ilisch)

892 WALTERS, PAUL D. It's Always Better in the Bahamas. *IBNS* 37 no. 1 (March 1998) pp. 43-45 illus.

The notes acquired by the author in 1974 during a high school excursion are described, with some philosophizing about how collectors think and behave.

(Joseph E. Boling)

893 WIRZ, HEINZ P. The Democratic South African Paper Money. *IBNS* 36 no. 4 (December 1997) pp. 38-42 illus.

The technical and artistic features of the 1990-adopted notes of the South African Reserve Bank are described. Many minor design elements are highlighted.

(Joseph E. Boling)

894 ŽIVKOVIĆ, DRAGAN. Srpske reklamne ili propagandne novčanice [Serbian publicity or propaganda notes]. *Dinar* 5 (May 1997) pp. 32-33 illus.

Four notes denominated as "Srbijanke" are described and illustrated. The circumstances of their issuance from August 1991 to March 1993 are described.

(Charles B. Smith, Jr.)

TOKENS AND JETONS

895 BJÖRK, JAN-OLOF. Avesta bruks instämplade polletter [The tokens with legends from Avesta]. *SNT* 8 (1997) pp. 184-93 illus. In Swedish.

The tokens from the copper works at Avesta are studied with regard to minting technique and chronology.

(Ulla Westermarck)

896 BRACHMANSKI, HANS-PETER. Das Erfurter Porzellangeld der Firma B. Reemtsma — eine numismatische Rarität. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 13-16.

897 BREEN, WALTER. Early American Tokens from Birmingham: Who, where, why? R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 69-79 illus.

898 BROOKS, MELVYN H. David Alves Rebello: a Jew of Hackney. *Hackney History* 3 (1997) pp. 10-15 illus.

The author presents a biography of D.A. Rebello (1740-1796), a wealthy merchant resident in Hackney but born in Portugal, whose name appears on tokens dated 1795 and 1796. (R.H. Thompson)

899 CHALLIS, C.E. Seventeenth-century tokens in the collection of the University of Leeds. *Yorkshire Numismatist* 3 (1997) pp. 187-209 illus.

900 DESNIER, JEAN-LUC. De l'importance historique d'un jeton hybride. *BSFN* 52 no. 3 (1997) pp. 46-47 illus.

The author publishes a bimetallic jeton associated with coins of 1606 and 1614, doubtless distributed to members of the reform commission for hospitals under the authority of the chaplain. (Marc Bompaire)

901 DOLENEN, IRISLAV. Neobjavljeni primerci naših žetona [Unpublished examples of our jetons]. *Obol* 46 (Nov. 1994) pp. 16-17.

Described (and mostly illustrated) are tokens for the following: Zagreb city scales (1941-46), Rijeka trolleybus (after 1947), Terezovac manor near Suhopolje, Garibaldi Bar in Zara (Zadar), M.D. Vucovar, Konsum-verein "Brioni," Island of Brioni, R. Manifattura tabacchi of Pola (Pula), Pazin town market, and Šarić family wine of Metković, Bosnia and Herzegovina. (Charles B. Smith, Jr.)

902 DU QUESNE BIRD, N. Communion tokens in Salisbury and Norwich, 1569-1696. *NCirc* 104 (1996) pp. 127-28.

903 DU QUESNE BIRD, N. Contemporary accounts of token currency in Bath, 1636-1675. *NCirc* 105 (1997) pp. 5-6.

904 DU QUESNE BIRD, N. Some tokens possibly of Tewkesbury. *NCirc* 105 (1997) p. 158 illus.

A discussion of medieval lead tokens found in Gloucestershire. (Martin Allen)

905 GREENE, RONALD. Some Tokens of a Ghost Town, Phoenix, British Columbia. *CNJ* 43 no. 2 (March 1998) pp. 76-81.

Tokens help restore the history of this copper mining town between Greenwood and Grand Forks, B.C. Six rare tokens are illustrated along with a informative text. The group includes, hotel, dry goods and bakery tokens. (Thomas Serfass)

906 HALLIDAY, JIM. Recent finds of seventeenth-century Yorkshire tokens. *Yorkshire Numismatist* 3 (1997) pp. 175-86 illus.

907 HELMER, THOMAS and ERLEND MARTINI. Färbermarken aus Fulda (Hessen). *NNb* 47 (1998) pp. 51-52 illus.

908 HEMMINGSSON, BENGT. Polletter i Sverige före 1660 [Tokens in Sweden before 1660]. *SNT* 7 (1997) pp. 160-66 illus. In Swedish.

Tokens were first used in Sweden in the latter part of the 16th century. Few early tokens have survived as they were often made of paper or birch-bark, but written sources indicate that the use of tokens was widespread. (Ulla Westermarck)

909 KALLMAN, JOHN K. *Military Tokens and Chits of Japan*, 4th ed. Sartell, Minnesota, by the author 1994 (*sic*, actually 1997). iv+108 pp. illus. ISBN 0-646-21605-8.

Tokens and chits of U.S. military clubs in Japan since 1945 are listed in detail, with many new and corrected listings. Numerous useful appendixes present geographic and historical data relating to U.S. forces' installations where these instruments were used. (Joseph E. Boling)

910 LEVINSON, ROBERT A. Reichenmeister Jetons of Nuremberg. *Num* 111 no. 1 (January 1998) pp. 47-53 illus.

The author provides a quick history of counting board and token computation which was widely used in Europe from 1400-1800. Nuremberg was the center of production for the manual counters (tokens) used on counting boards. An illustrated collection is presented with the article as well as bibliography. (Thomas Serfass)

911 MORSE, RICHARD. A use for lead tokens. *NCirc* 105 (1997) pp. 115-16.

The use of tokens to distribute alms, specified in the will of a citizen of Norwich who died in 1603, is discussed. (Martin Allen)

912 NEWMAN, ERIC P. The Promotion and Suppression of Hard Times Tokens. R.G. Doty and T. Hackens, ed., *Italiam Fato Profugi. Numismatic Studies Dedicated to Vladimir and Elvira Eliza Clain-Stefanelli* (Louvain-la-Neuve 1996) pp. 289-301 illus.

913 PERCIVAL, GEOFFREY. Edmund Dring and Jerome Madox. *Yorkshire Numismatist* 3 (1997) pp. 101-2 illus.

The author discusses two issuers of Yorkshire seventeenth-century tokens.

(Martin Allen)

914 POPOFF, MICHEL. L'héraldique des maires de Tours d'après leurs jetons. J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 155-60.

915 PRYKE, D.W. A new Essex seventeenth century trade token in lead. *NCirc* 105 (1997) p. 283 illus.

916 TAYLOR, IAN. A seventeenth-century token of Durham. *Yorkshire Numismatist* 3 (1997) p. 103.

917 THOMPSON, R.H. An armorial token from 'Breadgate'. *BNJ* 66 (1996) pp. 134-35 illus.

A seventeenth-century halfpenny token reading THOMAS READER IN BREADGAT has been attributed to 'Bread Gate' in London and in York. It is here attributed to Bredgat in Kent, where the Reader family bore the same arms as on the token.

(Author)

918 THOMPSON, ROBERT H. The Rebello collection of coins and tokens. *Hackney History* 3 (1997) pp. 16-23 illus.

The collection of David Alves Rebello is partly reconstructed from Ruding's *Annals of the Coinage*, a transcript of a Taylor Combe manuscript, and elsewhere. His own tokens are distinguished from the counterfeits, and from the muling of those counterfeits.

(Author)

919 THOMPSON, ROBERT H. Tokens of the Royal Exchange. Ann Saunders, ed., *The Royal Exchange* (London 1997) pp. 239-49 illus.

NL 134 no. 1417 is amplified with representations of London's Royal Exchange on 17th-century tokens of Bury St Edmunds, West Cowes, and Waterford in Ireland, on a London token of 1796, and on Staffordshire tokens of 1811-13.

(Author)

920 THOMPSON, ROBERT H. Yorkshire re-attributions of seventeenth-century tokens. *Yorkshire Numismatist* 3 (1997) pp. 105-11 illus.

921 THOMPSON, ROBERT [H.] Heraldic tinctures and seventeenth-century tokens. *Bulletin of the Token Corresponding Society* 6 no. 1 (January 1998) pp. 7-10 illus.

Coats of arms on some tokens appear to have hatching, which was used in England from 1649 to represent the tinctures. This is tested in the case of civic and guild arms marked with dots. It is concluded that there was no general use of hatching, and the dots were a stylistic idiosyncrasy. (Author)

922 TURCKHEIM-PEY, SYLVIE DE. *Le jeton de l'hôpital Saint-Jean-des-Ponts de Tours*. *BSFN* 52 no. 6 (1997) pp. 132-35 illus.

The jeton commemorates the foundation of the hospital in 1253. (Marc Bompaire)

923 TURCKHEIM-PEY, SYLVIE DE. Quelques précisions sur les jetons tourangeaux. J. Pilet-Lemière, ed., *Tours: études numismatiques* (Paris 1997) pp. 149-53 illus.

Mayoral tokens struck between 1581 and 1654 and from 1754 to 1790 are discussed. (Marc Bompaire)

924 TURCKHEIM-PEY, SYLVIE DE. *Le jeton au Moyen Age, vers 1250-1498*. Paris, Bibliothèque nationale de France 1997. 56 pp. illus.

925 WANG, HELEN. Local bronze tokens issued in Jiangsu, China, in the 1930s. *NC* 157 (1997) pp. 157-77 illus.

A study of a group of 60+ Chinese bronze tokens in the British Museum and 20+ from Chinese publications is described. The tokens were issued by local figures or stores to meet demand for small change during the Japanese occupation. (Author)

926 WEIDAUER, MANFRED. Rechenpfennige — Arbeitsmittel von Adam Ries. *Erfurter Münzblätter* 3 (1995, publ. 1997) pp. 95-116.

927 YARWOOD, JOHN F. *A Guide to British Military Tokens*. Horsham, Victoria, Australia, by the author 1998. 122 pp. illus. ISBN 0-646-32655-4.

About 300 tokens are described, classified by user (regiments, branches of service, and so forth), by period (for 18th and 19th century pieces that were more widely used), or by country/colony of use. A synopsis of the British regimental system is provided. Some of the information about individual pieces is tentative, and some illustrations are crude (having been reproduced from pencil rubbings), but the work is the most comprehensive of its kind. (Joseph E. Boling)

For additional references to Tokens and Jetons, see the following abstracts:
Western and Central Europe, nos. 631, 643
Canada, no. 737

REVIEWS

BERGER, FRANK. Untersuchungen zu römerzeitlichen Münzfunden in Nordwestdeutschland. Berlin 1992. Rev. F. de Callataÿ, *AC* 63 (1994) pp. 513-14.

BOEHRINGER, CHRISTOF. Sylloge Nummorum Graecorum. Sweden. Collection von Post. Stockholm 1995. Rev. F. de Callataÿ, *RBN* 142 (1996) pp. 295-96.

BOOTH, JAMES. Sylloge of coins of the British Isles, vol. 48, Northern Museums, Ancient British, Anglo-Saxon and Norman and Plantagenet. Oxford 1997. Rev. J.C. Moesgaard, *NNUM* 2 (1998) p. 25.

BURNETT, ANDREW, MICHEL AMANDRY and PERE PAU RIPOLLES. Roman Provincial Coinage. Vol. 1: From the death of Caesar to the death of Vitellius (44 BC-AD 69). London/Paris 1992. Rev. F. de Callataÿ, *AC* 63 (1994) pp. 510-12.

CACCAMO CALTABIANO, MARIA. La monetazione di Messana. Con le emissioni di Rhegion dell'eta della tirannide. Berlin/New York 1993. Rev. F. de Callataÿ, *AC* 65 (1996) pp. 436-41.

CACCAMO CALTABIANO, MARIA and PAOLA RADICI COLACE. Dalla premoneta alla moneta. Pisa 1992. Rev. F. de Callataÿ, *AC* 63 (1994) pp. 509-10.

CLAIRAND, ARNAUD. Monnaies de Louis XV. Le temps de la stabilité monétaire 1726-1774. Paris 1996. Rev. J.C. Moesgaard, *NNUM* 7 (1997) p. 125.

DUPLESSY, JEAN. Les trésors monétaires médiévaux et modernes découvertes en France, vol. 2, 1223-1385. Paris 1995. Rev. J.C. Moesgaard, *NNUM* 7 (1997) pp. 123-24.

GRIERSON, PHILIP and MELINDA MAYS. Catalogue of the Late Roman Coins in the Dumbarton Oaks Collection and in the Whittemore Collection.

From Arcadius and Honorius to the Accession of Anastasius. Washington 1992. Rev. F. de Callataÿ, *AC* 63 (1994) pp. 512-13.

GUNSTONE, A.J.H. Sylloge of coins of the British Isles, vol. 42, South-Eastern Museums, Ancient British, Anglo-Saxon and Later Coins. Oxford 1992. Rev. J.C. Moesgaard, *NNUM* 2 (1998) p. 25.

HACKENS, TONY, ed. The Age of Pyrrhus. Proceedings on an International Conference held at Brown University, April 8th-10th, 1988. Louvain-la-Neuve/Providence 1992. Rev. F. de Callataÿ, *RBN* 141 (1995) pp. 337-42.

HEIPP-TAMER, C. Die Münzprägung der lykischen Stadt Phaselis in griechischer Zeit. Saarbrücken 1993. Rev. F. de Callataÿ, *RBN* 140 (1994) pp. 139-41.

JHUNJHUNWALLA, KISHORE. Indian Paper Money Since 1950. Mumbai 1997. Rev. Frank Clark, *NI* May 1998 p. 151.

KENT, JOHN P. C. The Roman Imperial Coinage. Volume X. The Divided Empire and the Fall of the Western Parts 395-491. London 1994. Rev. F. de Callataÿ, *AC* 65 (1996) pp. 441-42.

KLACKENBERG, HENRIK. Moneta nostra. Monetarisering i medeltidens Sverige. Stockholm 1992. *Wiadomosci Numizmatyczne* 40 (1996) pp. 211-13.

KROLL, JOHN. The Athenian Agora. Vol. XXVI: The Greek Coins. Princeton 1993. Rev. F. de Callataÿ, *AC* 64 (1995) pp. 437-39.

LEVANTE, EDOARDO. Sylloge Nummorum Graecorum. France 3. Cabinet des Médailles. Pamphylie, Pisidie, Lycaonie, Galatie. Paris 1994. Rev. F. de Callataÿ, *RBN* 141 (1995) pp. 333-35.

MANNSPERGER, D. Sylloge Nummorum Graecorum. Deutschland. Münzsammlung der Universität Tübingen. 5. Heft, Karien und Lydien. Munich 1994. Rev. F. de Callataÿ, *AC* 64 (1995) pp. 443-44.

MELVILLE JONES, JOHN R. *Testimonia Numaria. Greek and Latin Texts concerning Ancient Greek Coinage. Volume I: Texts and Translations.* London 1993. Rev. F. de Callatay, *AC* 65 (1996) pp. 435-36.

MØRKHOLM, OTTO. *Early Hellenistic Coinage. From the accession of Alexander to the peace of Apamea (336-188 B.C.).* Cambridge 1991. Rev. F. de Callatay, *AC* 64 (1995) pp. 439-41.

PIRIE, E.J.E. *Coins of the Kingdom of Northumbria, c. 700-867 in the Yorkshire Collections (The Yorkshire Museum, York; The University of Leeds; The City Museum, Leeds).* Llanfyllin 1996. Rev. Stewart Lyon, *BNJ* 66 (1996) pp. 173-76.

TOURATSOGLU, IANNIS. *The coin circulation in Ancient Macedonia (ca. 200 B.C.-268/286 A.D.).* Athens 1993. Rev. F. de Callatay, *RBN* 140 (1994) pp. 143-45.

TOURATSOGLU, IANNIS. *Membra Disjecta.* Athens 1995. Rev. F. de Callatay, *RBN* 142 (1996) pp. 296-99.

TROXELL, HYL A. *Sylloge Nummorum Graecorum. American Numismatic Society. Macedonia II: Alexander I-Philip II.* New York 1994. Rev. F. de Callatay, *RBN* 141 (1995) pp. 335-36.

VILLARONGA, LEANDRE. *Corpus Nummum Hispaniae ante Augusti Aetatem.* Madrid 1994. Rev. F. de Callatay, *RBN* 141 (1995) pp. 342-44.

WANG YU-CH UAN. *Early Chinese Coins (Numismatic Notes and monographs #122).* New York 1951. Rev. Joseph Uphoff, *JEAN* 5 no. 1 (14/15, Winter 1997/Spring 1998) pp. 44-45. (Although published over 45 years ago, this book is frequently available at auction.)

WESTERMARK, ULLA and RICHARD A.H. ASHTON. *Sylloge Nummorum Graecorum. Finland. Part 1: Karia.* Helsinki 1994. Rev. F. de Callatay, *RBN* 141 (1995) p. 337.

YARWOOD, JOHN F. *A Guide to British Military Tokens.* Horsham, Victoria 1998. Rev anon, *WCN* June 1998 p. 16.

ZACHRISSON, TORUN. Gård, gräns, gravfält. Sammanhang kring äldedetaldepåer och runstenar från vikingatid och tidigmedeltid i Uppland och Gästrikland. Rev. Eva Wiséhn, *SNT* 4 (1998) p. 68.

OBITUARIES

FARIES, BELMONT. *Linn's Stamp News* 3615 (February 9, 1998) p. 2.

HACKENS, TONY (1939-1997). *NNUM* 1 (1998) p. 6.

HEINO, RAIMO. *The Medal* (Autumn 1997) pp. 85-89.

JARMAN, KEN W. *NCirc* 105 (1997) p. 7.

MURRAY, IAN. *NCirc* 105 (1997) pp. 38-39.

MURRAY, JOAN E.L. *NCirc* 104 (1996) pp. 405-406 illus.

NAGY, ANDRAS KISS. *The Medal* 31 (Autumn 1997) pp. 90-93 illus.

SLOCUM, JOHN JERMAIN. *NCirc* 105 (1997) pp. 283-284.

STEVENSON, ROBERT B.K. *BNJ* 65 (1995) pp. 202-213.

TUKIAINEN, A. *The Medal* 31 (Autumn 1997) pp. 85-89 illus.

HOARD LIST

References are cited by abstract numbers to publications describing hoards.
Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

General, Nos. 20, 23

Greek, Nos. 66, 70, 71, 72, 79, 97, 100, 112, 119, 124, 129, 138, 140, 152, 161, 162, 169, 178, 180, 181, 197, 201, 210, 224, 226, 234, 239, 240

Roman, Nos. 244, 250, 267, 273, 276, 284, 285, 288, 289, 291, 295, 296, 297, 301, 320, 327, 332, 337, 350, 353, 358, 359, 369, 374

Byzantine, Nos. 381, 389, 395, 397

Near and Middle East, Nos. 402, 406, 407, 408, 417, 420, 430, 431, 433, 436, 444

Great Britain and Ireland, Nos. 472, 473, 474, 476, 483, 488, 499, 500, 501, 512, 516, 540

Western and Central Europe, Nos. 542, 549, 552, 556, 562, 565, 569, 577, 584, 597, 598, 610, 622, 632, 648, 650, 651, 652, 657, 669, 680, 684, 685, 689, 693

Eastern Europe and the Balkans, Nos. 709, 714

SUBJECT INDEX

The references in this index are derived from the abstracts, and should not be regarded as an index of the original publications. Citations are to abstract numbers. The following abbreviations are used: cent. for century, num. for numismatic, coll. for collection.

- Abbasid coinage 401, 403, 412,
 417, 439, 441
 Aksum 413, 414, 423
 Africa 463
 Arabia 192
 Austria 685
 Australia 472
 Ayyubid coinage 252, 401, 419
 864, 873, 880, 925
 Cilicia 86, 141, 194, 318
 Corinth 155, 216
 credit cards 868
 Croatia 860
 Cuba 740
 Cyprus 404, 420, 421
 Czech Republic 855
- Bactria 116, 146
 Bahamas 892
 Bahrain 844
 Belgium - coinage 583; coll. 9,
 388
 Biafra 882
 Bithynia 219
 Brazil 742
 Byzantine coinage 38, 293, 379,
 380, 381, 382, 383, 384, 385,
 386, 387, 388, 389, 390, 391,
 392, 393, 394, 395, 396, 397,
 398
 Canada 737, 738, 739, 843, 905
 Cappadocia 68, 263
 Caria 154
 Celtic coinage 57, 58, 82, 83, 91,
 115, 117, 119, 120, 121, 122,
 124, 129, 132, 190, 210, 225,
 226, 239, 240, 276
 China 452, 453, 455, 462, 794,
 810, 850, 851, 852, 853, 862,
 Dalmatia 206
 Denmark - coinage 542, 581, 618,
 619, 707; coll. 24; finds 23;
 medals 780, 781, 782
- Fatimid coinage 409, 426
 Fiji 877
 Finland 695, 754, 775
 France - coinage 559, 562, 565,
 570, 571, 572, 573, 574, 575,
 576, 578, 579, 580, 586, 587,
 588, 589, 597, 599, 600, 601,
 611, 613, 628, 642, 646, 647,
 648, 650, 663, 664, 665, 681,
 690, 691; finds 244, 558, 584,
 597, 598, 610, 680, 689; tokens
 914, 922, 923
- Gambia 847
 Germany - coinage 547, 548, 549,
 556, 568, 593, 627, 630, 631,
 632, 633, 638, 645, 658, 670,
 671, 686, 694, 705; coll. 2, 3,

- 19, 22, 36; finds 20, 556, 557, 622, 684, 693, 703; medals 746, 747, 748, 751, 752, 755, 756, 759, 764, 765, 771, 772, 773, 776, 779, 785, 786, 787, 788, 790, 791, 793, 795, 807, 809, 811, 813, 819, 820, 824; paper money 846, 856, 858, 865, 886, 891; tokens 896, 907, 910, 926
- Great Britain - Anglo-Saxon 479, 486, 487, 498, 508, 516, 521, 522, 523, 524, 531, 533, 534; coll. 13, 35; finds 472, 473, 474, 475, 476, 480, 483, 484, 488, 489, 499, 500, 501, 532, 541; medals 802, 803, 814; medieval 467, 468, 470, 471, 477, 478, 481, 482, 491, 497, 503, 514, 515; modern 464, 465, 466, 469, 472, 496, 504, 505, 509, 510, 518, 520, 525, 527, 529, 530, 538; tokens 899, 902, 903, 904, 906, 913, 915, 916, 917, 918, 919, 920, 921, 927
- Greece - finds 397; paper money 859
- Hellenistic coinage 38, 54, 64, 70, 71, 73, 75, 95, 98, 99, 101, 103, 104, 105, 106, 107, 108, 109, 127, 138, 139, 140, 143, 153, 156, 168, 169, 180, 193, 197, 205, 218, 221, 224, 230, 234, 252
- Hittite 76, 77, 78
- Hong Kong 838, 863
- Hungary 634, 635, 636, 637, 692, 825, 826
- India 116, 447, 449, 854
- Italy - coll. 12, 15, 17, 27, 144, 227, 256, 653; finds 28, 554, 569, 577, 609, 643, 651, 652, 675, 676; medals 544, 553, 585, 797, 801; medieval and modern 544, 552, 553, 555, 585, 602, 608, 612, 677, 697, 698, 699; pre-roman 63, 65, 66, 79, 80, 93, 94, 97, 113, 164, 170, 181, 201, 202, 203, 204, 213, 220
- Japan 454, 457, 459, 845, 857, 866, 890, 909
- Judaea 53, 136, 184, 186, 218, 259, 329
- Korea 870, 871, 872
- Kuala Lumpur 451
- Lithuania 708
- Lydia 214
- Macedon 125, 264
- Macedonia, Republic of 712
- Mamluk coinage 401
- medals - China 794, 810; Denmark 780, 781, 782; Finland 754, 775; Germany 746, 747, 748, 751, 752, 755, 756, 759, 764, 765, 771, 772, 773, 776, 779, 785, 786, 787, 788, 790, 791, 793, 795, 807, 809, 811, 813, 819, 820, 824; Great Britain 802, 803, 814; Hungary 825, 826; Italy 544, 553, 585, 797, 801; Netherlands 753; Serbia 761; Slovenia 805, 815; Spain 760; Sweden 818; United States 796; Yugoslavia 757, 758, 789

- Merovingian coinage 595, 596,
 639, 649, 667
 Mesopotamia 67
 Mexico 743, 745, 869

 Nepal 446
 Netherlands 687, 753
 Norway - coinage 640, 688; coll.
 21

 Ottoman coinage 38, 442, 443

 Palestine 184, 186
 Parthia 211
 Persia 112, 167
 Poland 547, 548, 714, 879
 Portugal 867
 Potosí 741, 744
 production calculations 44, 48
 Punic coinage 28, 85, 87, 130,
 144, 170, 175, 176, 188, 209,
 227

 Qarakhanid coinage 410, 415

 Rhodes 89
 Roman coinage - finds 28, 360,
 377; imperial 38, 245, 246, 251,
 252, 254, 255, 256, 259, 261,
 262, 265, 268, 269, 270, 272,
 275, 280, 282, 283, 284, 293,
 297, 299, 308, 309, 310, 311,
 312, 313, 322, 329, 332, 334,
 337, 338, 345, 346, 347, 348,
 349, 350, 355, 364, 365, 366,
 368, 369, 676; medallions 279,
 367, 378; Republican 43, 100,
 170, 180, 260, 281, 285, 311,
 323, 327, 336, 344, 347, 373
 Romania - finds 408

 Russia 707, 710, 716

 Sasanian coinage 173, 405, 416,
 418, 424, 438
 Scotland 883
 Seljouk coinage 38
 Serbia 709, 715, 761, 881, 894
 Sicily - ancient 62, 63, 114, 118,
 131, 150, 163, 164, 170, 174,
 180, 191, 208, 237, 320, 321;
 medieval and modern 706
 Slovenia 158, 711, 717, 718, 805,
 815, 861
 South Africa 893
 Spain - ancient 56, 87, 90, 132,
 133, 134, 135, 137, 179, 198,
 209, 229, 288, 289, 292, 294,
 295, 296, 323, 324; byzantine
 393; coll. 1; medals 760;
 medieval and modern 5, 543,
 567, 582, 592, 597, 603, 604,
 605, 606, 607, 624, 625, 644,
 654, 655, 656, 657, 660, 662,
 669, 672, 673, 674, 678, 679,
 696, 700; paper money 875,
 876, 888, 889
 Sri Lanka 450
 Suevic coinage 659
 Sweden - coinage 620; coll. 16,
 39, 615; finds 392, 641; medals
 818; tokens 908

 Thailand 456
 Thracian coinage 200
 Tibet 836
 Turkey - coll. 248

 Ukraine 714
 Umayyad coinage 42, 401
 United States - cents 727, 732;

coppers 720, 731, 734; dollars
723, 724, 729; half cents 726,
733; half dollars 730; medals
796; paper money 837, 841,
849; tokens 897

Yemen 884

Yugoslavia 757, 758, 789, 881

Zaire 848

AUTHOR INDEX

- Aagaard, Sven 542, 707
 Abad Varela, M. 1
 Abramson, Tony 464
 Abu Oska, H. 53
 Agud Gormaz, A. 543
 Albert, Rainer 54
 Album, Stephen 399
 Alexander, A.R. 465
 Alfaro Asins, C. 55, 56
 Al Husaini, Muhammad Baqir 400
 Allen, Dave 57, 58
 Allen, Martin 466, 467, 468, 469
 Al Sa'ad, Zaid 42
 Alteri, Giancarlo 544
 Althoff, Ralf 379
 Amandry, Michel 243, 244, 245
 Amitay-Preiss, N. 401
 Andreae, Bernard 59
 Anhauser, Kilian 545
 Arasa, F. 33
 Arbez, Fernand 546
 Archibald, Marion 470, 471
 Arendt, Wolfram 246
 Arena, Renato 60
 Arevalo, A. 56, 61
 Arnold, Paul 2, 3, 547, 548, 549,
 746, 747, 748
 Arnold-Biucchi, Carmen 62, 63,
 64
 Arslan, Ermanno A. 65, 66
 Arlsan, M. 67, 68, 71, 248, 249
 Arseneva, Tatjana M. 247
 Artemis, Dimitris N. 160
 Ashton, R.H.J. 69, 70, 71, 72, 73,
 74, 75
 Asolati, Michele 250
 Atkins, Brian 413
 Attwood, Philip 472, 749
 Augin, G. 149
 Auricchio, G.C. 550
 Avner-Levy, R. 251
 Avshalom-Gorny, D. 252, 402
 Baixauli Merino, M. del Mar 678,
 679
 Bajcurova, Katerina 750
 Balaguer, A.M. 4
 Balcioglu, B. 77, 78
 Balcius, Mikas 708
 Baldus, Hans Roland 751
 Bannicke, Elke 752
 Banse, Rüdiger 753
 Barcelo, M. 551
 Barclay, Craig 473, 474, 475, 476
 Barengi, Francesca 79, 80
 Barkay, R. 380
 Barron, John 81
 Bartuli, Cecilia 43
 Bates, Michael 253, 381, 403
 Baumgarten, Y. 254
 Bayley, J. 207
 Bean, S.C. 82, 83, 477
 Belošević, Janko 552
 Beltran, A. 740
 Benages, J. 5
 Bendall, S. 255, 382, 383, 384,
 385, 386
 Benzi, Fabio 553
 Bérend, Denyse 84
 Berges, Dietrich 85

- Berghaus, Peter 6, 7
 Bergroth, Tom C. 754
 Berman, A. 401
 Bernardelli, Armando 256, 554
 Bernardi, Giulio 555
 Bertsch, Wolfgang 836
 Besly, Edward 478
 Bianchi, Lorenzo 257, 258
 Bienas, Rudolf 556
 Bijovsky, G. 259
 Bilzer, Bert 557
 Bing, J. Daniel 86
 Birkholz, Volkmar 755, 756
 Bjeloš, Nenad 757, 758
 Björk, Jan-Olof 785
 Blackburn, Mark 479, 480, 481, 482, 483, 499
 Blanco Villen, J.M. 87
 Boblenz, Frank 759
 Boehringer, Christof 88, 89, 90
 Böhm, Stephanie 260
 Boissésou, Jean de 559
 Bompaire, Marc 560, 561, 562, 563
 Bonser, Mike 484
 Borić-Brešković, Bojana 347
 Borras, R. 760
 Bošnjak, Tatjana 761
 Botet i Siso, J. 564
 Botré, Claudio 43
 Böttger, Burkhard 247
 Bourne, Marcy Leavitt 762
 Bourne, R.J. 261
 Bouron, Michel 565
 Bouyon, B. 566
 Bowers, Q. David 8
 Bozinovic, Radmilo 709
 Brachmanski, Hans-Peter 896
 Braña Pastor, J.L. 567
 Breen, Walter 897
 Breglia Pulci Doria, Luisa 831
 Brenot, Claude 91, 387
 Brindley, James C. 92
 Brock, Eric J. 837
 Brooks, Melvyn H. 898
 Broome, Michael 404
 Brunk, Gregory 737
 Bruun, Patrick 262
 Bugno, Maurizio 93
 Burnett, Andrew 94, 238
 Burton, Audrey 710
 Bussi, Silvia 95
 Butcher, Kevin 263
 Büttner, Detlev 568
 Cahn, Herbert A. 96
 Calabria, Patrizia 97
 Callataÿ, François de 9, 44, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 264, 388
 Calligas, Eleni 511
 Callu, Jean-Pierre 265
 Camber, Adverse 10
 Campbell, Ian 266
 Campo, M. 56, 267, 268
 Cancio, Leopoldo 110
 Capponi, Margherita 45
 Carauna, Ian 269, 270
 Caravita, Gregorio 569
 Carlotto, Tony 720
 Carradice, Ian 111, 112
 Carrelli, Sabina 271
 Castan, C. 741
 Catalo, J. 272
 Catarzi, Marcello 11
 Cebesoy, S.S. 138
 Challis, C.E. 484, 899
 Chalmers, Robert 838, 839
 Charlet, Christian 570, 571, 572, 573, 574, 575, 576

- Chaves, F. 56
 Chick, Derek 486, 487
 Chino, Elisabetta 12, 617
 Ciampoltrini, Guido 577
 Clairand, Arnaud 578, 579, 580, 581
 Clay, T. 275
 Clayton, Peter 273
 Clogg, Philip 284
 Clua Mercadal, M. 582
 Colaert, Maurice 583
 Colino, J. 551
 Collin, G. 149
 Condidi, Caterina 113
 Consolo Langher, Sebastiana Nerina 114
 Cook, B.J. 488
 Čop, Vitomir 711
 Cope, L.H. 275
 Corrah, Tumena 847
 Costilhes, Alain 742
 Cottam, G.L. 115
 Cowell, M.R. 471, 523
 Crafter, T.C.R. 584
 Crawford, Michael 94
 Creighton, John 276
 Crescentini, Claudio 585
 Cribb, Joe 13, 116
 Crinon, Pierre 586, 587, 588, 589
 Cross Lecanda de Torres, Anna Maria 743
 Crumlin-Pederson, Ole 590
 Crusafont i Sabater, M. 591, 592
 Cuddeford, Michael J. 489
 Curta, Florin 389
 Curteis, Mark 117
 Cutroni Tusa, Aldina 118

 D'Alonzo, M. Daniela 277
 Dannenberg, Hans-Dieter 593

 Darbot, J. 614
 Davidovich, E.A. 405, 406
 Davidson, Mark 511
 Dean, Valerie E. 500
 De Jersey, Philip 119, 120, 121, 122
 Delmaire, R. 278
 Del Soldato, Marco 123
 Dembski, Günther 124
 Demetriadi, Vassili 125
 Depeyrot, Georges 279, 594, 595, 596
 De Ranieri, Cristina 280
 De Ruyter, P.H. 281
 Dervisagaoglu, Ali 71
 Desnier, J.-L. 282, 900
 Dethlefs, Gerd 763
 Dhénin, Michel 587, 597, 598, 599, 600, 601
 Djaparidze, G.I. 407
 Dobrinić, Julijan 840
 Dodds, William 841
 Dohna, Ferdinand 283
 Dolenen, Irislav 901
 Domenech, C. 26
 Domingues, A. 56
 Doty, Richard G. 490
 Dowthwaite, Ian 491
 Dräger, Ulf 764, 765
 Dragonov, Dimitar 126
 Duchamp, Michel 767, 768
 Dukat, Zdenka 284
 Duncan-Jones, R.P. 285
 Dungworth, David 286
 Du Quesne Bird, N. 492, 493, 494, 902, 903, 904
 Dušanić, Sloboda 287
 Dyer, G.P. 495, 842
 Dykes, D.W. 496
 Dym, K.A. 744

Eimer, Christopher 769
 Ekschmitt, Werner 127
 Elliott, Lee 497
 Ercolani Cocchi, Emanuela 128, 602
 España, L. 603, 604
 Eugen, Nicolae 408
 Everson, Tim 498
 Eyres, Patrick 770

Fabrizi, Enrico 43
 Fahmi, Samih Abdul Rahman 409
 Farquharson, John 390
 Federov, Michael 410
 Felguera Herrero, I. 288
 Fenwick, Valerie 471
 Figuerola, M. 289
 Fisher, Jack H. 843, 844
 Fitzpatrick, A.P. 129
 Fontenla Balleste, S. 605
 Foraboschi, Daniele 290
 Forschen, Georg W. 451
 Frey-Kupper, Susanne 130, 373
 Frochoso Sanchez, R. 606
 Frolova, Nina 291
 Fukunaga Yoshio 845

Gal, Z. 205
 Gallego Moreno P. 607
 Gallotini, Angela 608
 Gandolfo, Lucina 131, 609
 Garcia-Bellido, M.P. 14, 132, 133, 134, 135
 Garcia de Figuerola, M. 292
 Garnier, Jean-Pierre 610, 611
 Gebhardt, Karl 771
 George, Bola 847
 Giesebrecht, Werner 721
 Gilliland, Cory 722

Girola, Giuseppe 15, 612
 Gitler, Haim 136, 293
 Godin, J. 613, 614
 Golabiewsky Lannby, Monica 16, 615
 Golfari, Lamberto 616
 Gomis Justo, M. 137, 268, 294
 Göktürk, M.T. 138, 139, 140, 141, 142
 Goncharov, E.Y. 411
 Goodwin, Tony 391, 395
 Gorini, Giuseppe 256, 617
 Gorshkov, I. 313
 Goussous, N. 42
 Gozalbes, M. 295, 296
 Graham-Campbell, James 499
 Greene, Ronald 905
 Gricourt, D. 297
 Grimm, Günther 143
 Grinder-Hansen, Keld 618
 Grottanelli, Cristiano 832
 Grund, Rainer 772, 773
 Guerra, Maria 563
 Guido, Francesco 17, 144
 Gullbekk, Svein H. 619
 Gündüz, S. 145
 Gunn, Chloe 774
 Gunston, Irene 775
 Guschterakliev, Radoslav 298

Hailstone, Allan 511
 Halliday, Jim 906
 Handa, D. 146
 Hanewich, Murray 884
 Hanon, J.V. 848
 Hardaker, T. 299
 Hardwick, Nicholas 147
 Harl, Kenneth W. 300
 Haselgrove, Colin 274
 Hatz, Gerd 620

- Hebert, Raymond J. 849
 Heck, Eberhard 18
 Heidemann, Martin 776
 Heidemann, Stefan 19
 Heinilä, Harri 754
 Hellegers, Gustaaf T.M. 777
 Helmer, Thomas 907
 Hemmingsson, Bengt 908
 Hersch, Charles A. 148
 Hess, Wolfgang 621, 622
 Hiernard, J. 149
 Hoge, Robert W. 412
 Holloway, R. Ross 150
 Holman, David 301
 Holmes, A.J. 313
 Holmes, N.M.McQ. 500, 501, 502
 Hosgoren, Ugur 70
 Houghton, Arthur 151
 Hourlier, Michel 601, 623
 Houston, Rose Chan 452
 Hristovska, Katerina 712
 Hsu Yih-Tzong 850, 851, 852, 853
 Huffman, Joseph P. 503
 Hulet, J.R. 504, 505
 Hurter, Silvia 152
 Hüttel, Hans-Georg 446
 Huttner, Ulrich R. 302

 Ibañez Artica, M. 624
 Ibrahim, Tawfiq 625
 Iliescu, Octavian 778
 Ilisch, Peter 20, 626, 627, 628
 Ilish, Lutz 410
 Ingvaldsen, Håkon 21
 Ipiens, A. 272
 Ireland, Stanley 291, 377
 Ivanauskas, Eugenijus 708, 713

 Jacobelli, Luciana 303
 Jacobowitz, M. 421

 Jacobs, Wayne L. 738, 739
 Jäger, Roland 22
 Jakubzik, Ulrich 779
 Jennings, Sarah 506
 Jensen, Jørgen Steen 23, 24, 714, 780, 781, 782
 Jensen, Uno Barner 447
 Jhunhunwalla, Kishore 854
 Johnson, W. 507
 Johnston, Ann 153, 304, 305
 Jones, Vivienne 783
 Jonsson, Kenneth 508
 Jordan, Reinhold, 629
 Jovanović, Mirislav 715
 Juel-Jensen, Bent 413, 414

 Kagan, Jonathan 154, 155
 Kallman, John K. 909
 Kampf, Tobias 784
 Kampmann, Ursula 306
 Kann, Eduard 453
 Karnila, Christer 754
 Kehne, Peter 307
 Keilies, Günter 785
 Keller, Karlheinz 630
 Kent, J.P.C. 308, 309
 Kiefer, Jürgen 787
 Kindler, A. 310
 King, C.E. 275
 Kinns, Philip 156
 Kirchgessner, Joe 723, 724
 Kissel, Theodor 311
 Klaus, Ladislav 855
 Klein, Ulrich 631, 787
 Klockenkämper, Richard 46
 Klose, Dietrich O.A. 312, 632
 Klüssendorf, Niklot 633, 856
 Kochnev, B.D. 415
 Konuk, Koray 157
 Körner, Gustav 858

- Korshenko, A. 313
 Kos, Peter 158
 Koutsoboios, Ioannis 859
 Kovacs, Frank L. 381
 Kovács, László 634, 635, 636, 637
 Kovasznai, Viktoria L. 826
 Krasnov, Gjuro 25, 860
 Krese, Srečko 861
 Kroll, John H. 159, 314
 Kritt, Brian 154
 Kühn, Walter 638
 Kyrou, Adonis K. 160

 Lafaurie, Jean 639
 Lagerqvist, Lars O. 640
 Lagos, Constantine 161
 Lakakis-Marchetti, Maria 162
 Lang, Janet R.S. 470
 Lappalanainen, Matti 754
 La Torre, Gioacchino Fr. 315
 Lauerwald, Paul 788
 Lazzarini, Lorenzo 163
 Leahy, Kevin 482
 Le Brazidec, M.-L. 316
 Leimus, Ivar 641
 Lemaire, D. 642
 Lentini, M. Costanza 164
 Le Rider, Geroges 165, 166, 167, 168
 Leschhorn, Wolfgang 317
 Lessen, Marvin 509, 510
 Levante, Edoardo 318
 Levinson, Robert A. 910
 Levius, Harold 725
 Lewis, Adrian 488
 Liampi, Katerini 169, 319
 Likar, Rudolf 789
 Llech, L. 272
 Llorens, M. del M. 26, 268
 Lobel, Richard 511

 Loginov, S.D. 416
 Losse, Vera 790
 Lüger, M. 611
 Luppino, Silvana 170

 Macaluso, Rosalia 27, 171, 320, 321, 643
 MacDonald, David 172
 Ma Chuan-De 862
 Malek, Hodge Mehdi 173, 417, 418
 Malmer, Brita 392, 641
 Mammia, Giuseppina 28, 174
 Manes, Maria 322
 Manfredi, Lorenza Ilia 175, 176
 Manley, Ron 726
 Mann, Jenny 479
 Mannuci, Francesco 177
 Manville, H.E. 512, 513
 Marcos Alonso, C. 323
 Marinescu, Contantin A. 178
 Marot, R. 268
 Marot, T. 393, 644
 Marques de Faria, A. 179, 324
 Martin, Peter-Hugo 791
 Martinez, A. 669
 Martini, Erlend 907
 Martini, Rodolfo 325, 326
 Mass, Jeffrey P. 514
 Massan, P. 272
 Mastelloni, Maria A. 180, 181
 Ma Tak Wo 863
 Marsten, Francis Edward 864
 Matikkala, Antti 792
 Mattingly, Harold B. 182, 327
 Maué, Hermann 793
 May, N. 419
 Mayhew, N.J. 515
 McCall, Mark 47
 McKeever, Kent 794

- Mehl, Manfred 645
 Mellor, F.W. 796
 Melville Jones, John R. 183
 Menzel, Ruth 865
 Merson, R. Antony 562, 646, 647, 648
 Meshorer, Y. 184, 185
 Metcalf, D.M. 394, 420, 421, 422, 649, 659
 Metcalf, William E. 328, 329, 330
 Methy, Nicole 331
 Mildeberg, Leo 186, 187, 188
 Miljanić, Svetlana 332
 Milne, Gustav 470
 Mimica, Božo 333
 Minabu Shukichi 454
 Mirmik, Ivan 617
 Miselli, Walter 797
 Miyakoshi Osamu 866
 Moesgaard, Jens Christian 581, 650, 680
 Monopoli, M. Cristina 334
 Monteiro, António 867
 Montepaone, Claudia 189
 Moorehead, T.S.N. 335
 Morandi, Alessandro 190
 Morcom, John 191
 Morelli, Anna Lina 651, 652, 653
 Morello, Antonio 336
 Morse, Richard 911
 Mossman, Philip L. 731
 Mozo Monrov, M. 654
 Muhlemann, Y. 337
 Mullaly, Terence 798, 799
 Muñoz, Miguel L. 745
 Munro-Hay, S.C. 192, 423
 Munzi, Massimiliano 338
 Murard, J. 614
 Murray, G. 655
 Myers, Robert J. 193
 Naster, Paul 194
 Newman, Eric P. 912
 Newman, John 119, 516
 Nicolet-Pierre, Hélène 195, 196
 Nikitin, A.B. 416, 424, 425
 Noguera, J. 656
 Nollé, Johannes 339
 Nollé, Margret K. 340
 Noonan, Thomas S. 716
 Nordlink, Ulf 800
 North, J.J. 517, 518, 519
 Northover, J.P. 275
 Novak, Vlastimil 426
 Ocaña Rodriguez, E. 657
 Oeconomides, Mando 197
 O'Hair, Richard A.J. 520
 O'Hara, Michael Dennis 521
 Op den Velde, W. 455
 Orlamo, Matti 754
 Orna-Ornstein, John 341, 342
 Otero Moran, P. 198
 Overbeck, Bernhard H. 658
 Overholt, Lin 868
 Paatela, Hannu 869
 Packard, Mike 727
 Pagan, Hugh 522
 Parise, Nicola F. 170, 833
 Paškvan, Saša 199
 Passic, Frank 728
 Peixoto Cabral, J.M. 659
 Pellegrini, Enrico 343
 Pellicer i Bru, J. 29, 427, 660
 Pennestrí, Serafina 661
 Peppe, Leo 344
 Percival, Geoffrey 913
 Perez Sindreu, F. de P. 662
 Perkins, W. David 729

- Pesant, Roberto 428, 429
 Pescarmona, Daniele 801
 Peter, Ulrike 200
 Petit, Henri 663, 664, 665
 Petrov, P.N. 430
 Pfeifer, Don 870, 871, 872
 Phillips, Marcus 395, 431, 432, 666
 Piana Agostinetti, Paola 201, 202, 203
 Piattelli, Simonetta 204
 Pickup, D.R. 30, 802, 803
 Pilet-Lemière, Jacqueline 639, 667
 Pincock, Richard 345
 Pirie, E.J.E. 269, 521, 523, 524
 Pišek, Blaž 31
 Pitidis, Theodore 804
 Plant, Richard 32
 Pogačnik, Albin 668, 717, 718
 Polosa, Annalisa 170
 Ponting, Matthew 263
 Popoff, Michel 914
 Popović, Ivana 347
 Popović, Pavle 348
 Porath, L. 205
 Prem, Jeff 730
 Prister, Boris 805
 Prokopov, Ilia 100
 Prot, Richard 587
 Pryke, D.W. 915
 Purefoy, Peter Bagwell 525

 Quirk, Jason 806

 Radić, Vesna 433
 Raeburn, G. Duncan 873
 Raff, Albert 631
 Ramsey, P.H. 485
 Rant, Andrej 206
 Rantasaari, Juha 754

 Rausa, Federico 349
 Razzaq, Nahid Abdul 874
 Rebello, F. 448
 Rebourg, A. 350
 Reinal Boix, J. 875, 876
 Reitz, Helmut 568
 Retamero, F. 551
 Rinaldo, Tom 727
 Ripolles, P.P. 26, 33, 56, 268, 669
 Robbins, K. 207
 Robinson, Brian 526
 Robinson, Michael 351, 352
 Robinson, Paul 353
 Röblitz, Günther 670, 671
 Rocchi, Maria 834
 Rodgers, K.A. 877
 Rodriguez Lorente, J.J. 434
 Rogers, D.J. de S. 527
 Roma Valdes, A. 672, 673
 Romero Medina, R. 674
 Rong, Peter 807
 Roth, Gunter 424, 425
 Rovelli, Alessia 675
 Rutter, N.K. 208

 Saatçi, T. 436, 437
 Saccocci, Andrea 256, 676
 Saetti, Franco 677
 Saez Bolaño 87
 Sainz de Varona F.A. 678, 679
 Salamone, Grazia 354
 Salaün, G. 680, 681
 Salton, Mark M. 355
 Sanahuja, X. 656
 Sanahuja Angeura, K. 209
 Sanchez de Arza, V. 682
 Šarić, Ivan 284
 Sarthre, C. 210
 Sarvas, Pekka 683
 Savio, Adriano 48

- Schaverien, Adele 808
 Schiesser, P. 356
 Schmitt, Laurent 580
 Schneider, Konrad 684, 685
 Schnurbein, Siegmars von 357
 Schoonheydt, Jacques A. 456
 Schultz, Hans-Dietrich 358
 Schulz, Karl 809
 Schulzki, Heinz-Joachim 686
 Sears, Stuart D. 438
 Sellwood, David 211
 Semans, Scott 463
 Serrano, B.M. 34
 Shalvi-Abbas, M. 218
 Shamma, Samir 439, 440, 441
 Sharp, Michael 529, 530
 Sharpe, Adam 359
 Sheedy, Kenneth A. 212
 Shimizu Tsuneyoshi 457
 Shott, Michael 531
 Shotter, D.C.A. 269, 360, 532
 Siciliano, Aldo 213
 Sietz, Fritz Georg 687
 Sievers, Susanne 357
 Silberstein, Claude 600
 Sills, John 361
 Simensen, Christian J. 688
 Simon, Matthias 246, 298
 Sinan, N. 362
 Sinclair, May 533
 Singer, Gordon Andreas 709
 Singh, Saran 878
 Sitch, Bryan 35
 Siyon, D. 363, 396
 Sluszkiewicz, Tomasz 879
 Smart, Veronica 534
 Smith, Bruce W. 458, 459, 460, 819, 880
 Smith, Charles W. 731
 Smith, Thurman L. 811
 Smith, Ward D. 880
 Smychkov, K.D. 430
 Snow, Richard E. 732
 Solier, Yves 563
 Sombart, Stephan 689, 690, 691
 Sommer, Katja I.L. 364
 Soós, Ferenc 692
 Soverini, Luca 835
 Spier, Jeffrey 214
 Srećković, Slobodan 442
 Stahl, Alan M. 812
 Stancomb, William M. 215
 Stazio, Attilio 216
 Stefanakis, Manolis I. 217
 Steguweit, Wolfgang 813
 Stern, E. 218
 Stern, W.B. 52
 Stewartby, Lord 365, 535, 536, 537
 Stocker, Mark 538
 Stoddart, Phyllis 814
 Stojanovi, Eljko 881
 Stolba, Wladimir 219
 Street, Keith 884
 Stumpf, Gerd 693
 Sturm, Klaus-Dietrich 694
 Sugden, Keith 814
 Švajncar, Janez J. 815
 Swan, Conrad 816
 Sweeny, James 817
 Symes, Peter 882, 883, 884, 885
 Symons, David 539
 Talvio, Tuukka 695, 818
 Tarawneh, K.F. 443
 Taylor, Ian 916
 Tettenhorst, R. 733
 Tewes, Lothar 819
 Thier, Bernd 886
 Thierry, F. 461, 462
 Thompson, R.H. 917, 918, 919,

- 920, 921
 Thorwirth, Andreas 820
 Thronton-Pett, Peter 521
 Tiffner, Howard C. 887
 Tissi re, Alain 689
 Torb gyi, Melinda 366
 Torbatov, Sergey B. 367
 Torres Lazar, J. 696
 Tortella, T. 888
 Travaglini, Adriana 220, 368
 Travaini, Lucia 697, 698
 Treadwell, Luke 444
 Troxell, Hyla A. 221
 Tselekas, Panagiotis 222, 223
 Turkheim-Pey, Silvie de 821, 923, 924
 Turro, A. 889
 Tyler-Smith, Susan 431

 Uemara Takashi 890
 Ujes, Dubravka 224
 Ulonska, Hans-J rgen 755, 785
 Uphoff, Joseph 449
 Uyumez, Mevlut 70

 Van Arsdell, R.D. 225, 226
 Van der Meer, Gay 822
 Va  ez Sanchez, A. 543
 Vanni Peccatori, Franca M. 227, 369, 699
 Vega de la Torre, J.R. 700
 Vermeule, Cornelius C. 370, 371
 Vickers, Michael 228
 Vilaret, J. 701
 Villaronga, L. 229
 Vismara, Novella 372
 Vison , Paolo 231, 373
 Volk, Terence 49, 268, 374
 V lker, Stefan 891
 V lling, Thomas 397

 Von Reden, Sita 232

 Waddington, Raymond B. 823
 Walburg, Reinhold 450
 Wallenstein, Uta 36, 375, 824
 Walters, Paul D. 892
 Walther, Gerrit 37
 Wang, Helen 925
 Warren, Jennifer A.W. 233
 Wartenberg, Ute 234, 235
 Wehner, Tibor 825, 826
 Weidauer, Manfred 926
 Weil, Alain 827
 Weiller, Raymond 702, 703, 704
 Weiser, Wolfram 398
 Weiss, A.-P.C. 73
 Weiss, Peter 376
 Wells, H. Bartlett 236
 Westermarck, Ulla 237
 White, Hazel 828
 White, Weimar W. 50
 Wiecek, Adam 829
 Wilde, Gilbert de 38
 Williams, David 540
 Williams, J.H.C. 238
 Williams, Ray 734
 Wilson, Antony 706
 Wilson, Theresa 377
 Wingo, Leonard 735
 Wirz, Heinz P. 893
 Wise, Philip J. 239, 240, 541
 Wis  hn, Eva 16
 Wis  hn, Ian 39, 800
 Withers, Paul 40
 Wittenburg, Andreas 41
 Wolff, Marian 705
 Woloch, G. Michael 378
 Woodhead, Peter 599, 647, 706
 Wright, John 736

Yagci, R. 241, 445
Yarwood, John F. 927

Zander, Randolph 830
Zisa, Antonella Daniela 51
Živković, Dragan 894
Zolotnikova, Olga 242
Zwicky-Sobczyk, C.N. 52





Original from
INDIANA UNIVERSITY

